Preference Ratings Revised—Page 3

Oil, Paint and Drug Reporter

The Chemical Market Authority Since 1871

ABC

Volume 145 No. 13 — Schnell Publishing Company, Inc., Publishers — March 27, 1944

PHOSPHORIC ACID

85% USP SYRUPY

Made from pure Elemental Phosphorus of our own production. Meets all USP and U. S. Pure Food Law requirements. Special corrosion-resistant equipment for handling and storage maintains purity to delivery.

"AA QUALITY" CHEMICAL PRODUCTS

Monocalcium Phosphate	Bone Oil	Gelatins
Dicalcium Phosphate	Bone Black Pigments	Phosphorus (Red)
Disodium Phosphate	Hydrofluosilicic Acid	Phosphorus (White)
Trisodium Phosphate	Magnesium Fluosilicate	Phosphorus Pentasulphide
Carbonate of Ammonia	Zinc Fluosilicate	Phosphoric Acid

The AMERICAN AGRICULTURAL CHEMICAL Co.

50 Church Street, New York

33 Offices in Principal Cities in U. S., Cuba and Canada

THE AMERICAN AGRICULTURAL CHEMICAL COMPANY — AA QUALITY

RECEIVED
MAR 27 1944
THE CHEMISTS' CLUB LIBRARY

Established 1880

WM. S. GRAY & CO.

342 MADISON AVENUE
NEW YORK

Cable Address: Graylime — Phone: MUrray Hill 2-3100

Manufacturers' Agents

Acetic Acid

ALL GRADES

TANK CARS — BARRELS

INQUIRIES SOLICITED

PRECIPITATED CALCIUM CARBONATES

SUSPENSO: A grit free, very white precipitated Calcium Carbonate, has excellent suspension qualities in paint vehicles.

DIAMOND ALKALI COMPANY

PURE CALCIUM PRODUCTS DIVISION - BOX 407 - PAINESVILLE, OHIO

BICHROMATE OF SODA
BICHROMATE OF POTASH
CHROMATE OF SODA

PRIOR CHEMICAL CORPORATION - NEW YORK

420 LEXINGTON AVENUE

Chicago Office: 230 N. Michigan Ave.

Selling Agents for

STANDARD CHROMATE DIVISION
Diamond Alkali Company, Painesville, Ohio

PUBLICKER

COMMERCIAL ALCOHOL COMPANY

1429 Walnut Street, Philadelphia, Penna.

MANUFACTURERS OF

ACETONE — **AMYL ACETATE**
BUTYL ALCOHOL — **ETHYL ACETATE**
BUTYL ACETATE — **ALCOHOL** (pure and denatured)

BORAX–BORIC ACID

Technical — U. S. P. — Special Quality
Crystal—Granulated—Powdered—Impalpable—Anhydrous

Manganese Borate — Potassium Borate
Sodium Metaborate
Ammonium Pentaborate — Ammonium Biborate

PACIFIC COAST BORAX COMPANY
51 Madison Avenue, New York 10
CHICAGO 16 — LOS ANGELES 14

Putting B_1 in America's Bread

How Synthetic Organic Chemicals Are Helping To Solve A Nutrition Problem

27,000,000 loaves of bread a day enriched with synthetic Vitamin B_1*...this is now the biggest use for this man-made vitamin first synthesized just a few years ago.

The commercial production of Vitamin B_1 requires adequate quantities of Ethylene Oxide and Ethyl Acetoacetate. Fifteen years ago these, too, were rare chemicals.

In 1929, we began commercial production of Ethylene Oxide. In 1932, we began synthesizing Ethyl Acetoacetate by a new and economical method. Now these chemicals are available in quantities and at prices which permit their use in large-scale vitamin production.

Other vitamin products have also benefited from the availability of low-cost, high-quality synthetic chemicals. Vitamins A and D are extracted from fish liver oils with Ethylene Dichloride. Propylene Glycol is a solvent for crystalline Vitamin D. Acetone is used in the synthesis of Vitamin C, and Acetic Anhydride for Vitamins B_2 and B_6.

Vitamin production is one example of the many industries which have depended upon the broad group of synthetic organic chemicals we produce. If you have a problem involving these chemicals, call on us.

*Vitamin B_2, niacin, and iron are added as well.

BUY UNITED STATES WAR BONDS AND STAMPS

CARBIDE AND CARBON CHEMICALS CORPORATION

Unit of Union Carbide and Carbon Corporation

UCC

30 East 42nd Street, New York 17, N. Y.

PRODUCERS OF SYNTHETIC ORGANIC CHEMICALS

Oil, Paint and Drug Reporter

Founded 1871 by William O. Allison

SCHNELL PUBLISHING COMPANY, INC., PUBLISHERS

RECEIVED
MAR 27 1944
THE CHEMISTS' CLUB
LIBRARY

No. 13 | March 27, 1944 | Volume 145

N.P.V.L.A. to Resume Annual Convention

The National Paint, Varnish and Lacquer Association will hold its 1944 convention in the Pennsylvania hotel, this city, October 25-27. The discussions will deal with problems of war and postwar. An informal stag dinner, with entertainment features eliminated, will be held on the evening of October 26. General sessions will be held in the forenoon and afternoon of October 25 and October 27. Thursday will be set aside for group meetings to be attended by those directly interested in and affiliated with various branches of the industry. One of the group meetings will be exclusively for Class A members of the association, which class is composed of manufacturers of paint, varnish and lacquers, at which matters which specifically apply to their problems will be discussed. It is expected that other group meetings made up of different branches of the raw materials industry, brush manufacturers, etc., will be held during that day.

Superphosphate Plant Being Built in Idaho

OPD Washington Bureau

Approval has been given by the War Production Board to the construction of a superphosphate production plant, having a capacity of about 80,000 tons a year, in Pocatello, Ida. The plant is being built by J. R. Simplot, operator of a large dehydration plant at Caldwell, Ida., and will cost about $500,000.

The plant will use the phosphate rock deposits in southern Idaho for its operations and will obtain its sulphuric acid, for the present, from such sources as are available in the western section of the country. This arrangement will be only temporary, however, it is expected, as a project is now under consideration by WPB for expansion of the sulphuric acid plant of the Garfield Chemical Company, subsidiary of American Smelting & Refining Company, Garfield, Ida., to meet the acid needs of the Pocatello plant.

The superphosphate output of the new plant will be used mostly, it is said, to aid in the production of potatoes.

Corrosion Research Fund Set Up by A.S.M.

A fund of $1,000 annually is to be provided by the American Society for Metals for the furtherance of research on corrosion. Applications and grants will be handled by the American Coordinating Committee on Corrosion. Grants-in-aid will run from $250 to $1,000.

An A.C.C.C. subcommittee on research, composed of Dr. R. M. Burns, of the Bell Telephone Laboratories, chairman; Dr. F. W. Adams, of the Pittsburgh Plate Glass Company; T. S. Fuller, of the General Electric Company; and Dr. H. L. Maxwell, of E. I. duPont de Nemours & Co., will select subjects for research, approve qualifications of applicants for grants, and certify the names of successful applicants to the American Society for Metals.

Paint Federation Meeting Oct. 23-24

The Federation of Paint and Varnish Production Clubs will hold its annual convention in the Pennsylvania hotel, this city, October 23 and 24, two days preceding the opening of the annual convention of the National Paint, Varnish and Lacquer Association which will be held in the Hotel Pennsylvania. The federation meeting will not have the usual exhibit of equipment and raw materials.

Paint Thinner Use Of Oils Prohibited

OPD Washington Bureau

Use of cottonseed, peanut, soybean and corn oils, or their fatty acids, in the manufacture of products for thinning or reducing paints, varnishes, lacquers and other protective coatings is prohibited by amendment No. 6 to Food Distribution Order No. 29 issued by the War Food Administration, effective March 27. The four oils are principal raw materials for the manufacture of margarin, shortening and cooking and salad oils. They already have been denied for use in paints, varnishes and lacquers.

May to Head USDA Chemistry Bureau

Dr. Orville E. May has been appointed chief of the Bureau of Agricultural and Industrial Chemistry by

Dr. O. E. May

Secretary of Agriculture Wickard, to succeed Dr. W. W. Skinner, who will retire from government service March 31.

Dr. May, who has been coordinator of chemical and chemical engineering research programs in the Agricultural

—Continued on page 36

Webb Export Act Modernization Asked

A review of the Webb export trade act of 1918 was urged and enactment of amendments which would bring the law "up to date," was urged by T. J. Miley, secretary of the Commerce and Industry Association of New York. Mr. Miley contended that the Anti-trust Division of the Department of Justice was "seemingly striving to coerce" other nations to adopt the competitive system of the United States. Mr. Miley added:—

The Department of Justice is instituting every kind of criminal and civil prosecution in its power for the purpose of injecting into foreign and international trade relationships every new requirement of competition that can be spelled out of the supreme court's ever-expanding interpretations of the anti-trust laws.

The folly of subjecting Americans doing business abroad to the requirements of all the anti-trust laws as well as the requirements of the foreign countries where they are doing business, while the foreigners against whom they are competing abroad need only comply with the laws of the countries in which they are doing business was foreseen by President Wilson.

Preference Ratings Basic Rules Are Revised by War Board

OPD Washington Bureau

Basic rules governing the use of preference ratings have been revised to bring them up to date and make certain operating changes, the War Production Board announced today.

In the future, all defense orders will be rated at least AA-5. Defense orders are defined in Priorities regulation No. 1 as purchase orders calling for delivery to or for the account of the Army, Navy, Maritime Commission and other government agencies concerned with the war effort or lend-lease orders. Formerly, all defense orders that were not specifically assigned a higher rating were rated A-10.

The amended regulation provides that in the future no ratings lower than AA-5 will be assigned by WPB. However, any outstanding ratings that were assigned prior to March 18 and are lower than AA-5 may continue to be used.

The changes in priorities regulation No. 1 as amended March 18 also specifically indicate that any person who receives a rated order and is unable to fill it on the required delivery date must notify his customer of the earliest date on which he will be able to fill the order. In such cases, the persons who received the order has the choice of two actions: (1) to reject the order and notify his customer when he would have been able to make delivery, or (2) to accept the order for the earliest delivery date he expects to be able to meet and notify his customer of such date. This customer notification provision has been inherent in WPB policy for some time, but it has never been spelled out in Priorities Regulation No. 1. The amendment specifically includes the requirement in the regulation.

Rated orders may be rejected under the terms of Priorities Regulation No. 1, if the person placing such orders is unwilling to meet established prices and terms of sale of the person with whom he has placed the order. The amendment provides that suppliers must quote established terms and prices upon request of persons who want to place rated orders with them unless such a quotation would involve detailed engineering or accounting work. In such cases, the supplier may quote his best estimate without such work and point out that it is not binding. However, a supplier need not quote his prices and terms to a person with a rating if he would not be required to accept such a person's rated purchase order and knows that he would not accept it if it were served on him.

In addition, a person may reject a rated order that is served on him for an intermediate product (a product that he purchases or makes for his own use only), provided he has not filled any orders for such material or product within the past two years. However, if he has accepted an order for such a product within the previous two-year period, he must accept rated orders placed with him for such product unless they would interfere with equal or higher rated orders already on hand, either for the intermediate product or for his finished product.

To illustrate, a manufacturer of drive shafts manufactures his own gears, which are for him an intermediate product, inasmuch as he makes them only for his own use. If he has sold no gears as such in the last two years, he need not accept rated orders for them. If he has sold gears in the last two years, however, he must fill

—Continued on page 44

Chemists War Value Admitted by President

OPD Washington Bureau

The chemical and allied industries received indirect support from President Roosevelt this week for their arguments that State directors of the Selective Service system and local draft boards should give greater consideration to the necessity of retaining in the industry some of the young men under twenty-six years of age who are skilled and trained in chemistry and chemical engineering.

In a letter to Dr. Charles L. Parsons, secretary of the American Chemical Society, made public by the society March 21, the President agreed that these registrants can best serve the war effort by continuance of their scientific work, and said that this is to be kept in mind in carrying out the new policy of calling more young men into the armed services.

How effective the letter of the President will prove in causing the local boards and State directors to loosen up the call of young skilled men in the chemical industry is problematical. Inquiries at the White House as to whether the President's letter could be taken as a promise to the chemical and allied industries that the qualified young men in the industry would not be called into the armed services failed to throw any light on the situation and it was stated that the letter could not be taken as a White House commitment.

Representatives of the American Chemical Society and of the chemical industry—something more than a hundred in all—met here March 13 to discuss effects of the draft order. The President was informed that it was the "unanimous opinion" that "the production army faced disaster if chemists, chemical engineers, physicists, and certain other scientists were estopped from using their specific training in the war effort."

Dr. Parsons estimated that the recent order tightening up on defer-

—Continued on page 39

Labor Standards Bill Pending in New York

Albany, March 23, 1944.

The Furey bill (A. I. 1739) which has been in the assembly committee on rules has reached the printed stage. This bill is a wage-and-hours proposal, offered as a "fair labor standards" amendment to the labor law of 1921.

This bill sets out to provide a remedy for allegedly unsatisfactory and deplorable conditions in respect of labor, which it states in the following findings and policy:—

The legislature hereby finds that men, women, and children are employed in some occupations in this state for oppresively long hours and for unreasonably low wages that are insufficient to provide adequate maintenance and to protect health and decency and not fairly commensurate with the value of the services rendered. Such oppressive labor conditions constitute a serious form of unfair competition, threaten the stability of industry, and are detrimental

—Continued on page 39

WMC Names McGee To Executive Post

Vernon A. McGee, of Wichita Falls, has been made deputy executive director of the War Manpower Commission. He succeeds James H. Bond, director of region X, who is returning to his headquarters in Dallas, Tex., after spending the past year in Washington assisting Lawrence A. Appley, deputy chairman and executive director, in addition to carrying on as director of region X.

Price Control Law Extension Discussed

OPD Washington Bureau

Problems of rationing of scarce commodities and the effects of the price control law on the operations of agriculture held the attention of the senate banking and currency committee this week as it continued hearings on S.1764 to extend the life of the price-control act and the stabilization act which are due to expire June 30.

Voicing strong support for continued need of the law, Col. Bryan Houston, deputy administrator of OPA in charge of rationing promised the committee that items would be removed from rationing control as rapidly as the supply situation permits, but he could offer no hopes of such action being taken in the immediate future on any of the items now under ration.

Marvin Jones, administrator of the War Food Administration told the committee that it was not the intention of the government to "feed" Europe, but that it would have to be a job of all the producing countries of the world. He agreed with committee members that lean crops of corn, wheat and other grains would pose a problem in supplying this country's requirements, but thought that in the case of an emergency we could piece out our needs with imports from Canada, Argentina and Australia.

Meanwhile, a select committee of the house investigating executive agencies was revealed to be preparing a bill for introduction shortly for drastic changes in OPA price control policies and methods of enforcing its price ceiling regulations. The bill will facilitate court appeals of OPA actions.

Corn Stocks Set Aside For Industrial Uses

OPD Washington Bureau

The War Food Administration announced March 24 that five concerns had been designated as purchasers of corn from stocks ordered set aside for war use by country and terminal elevators under a WFA order Thursday night. The concerns are Anheuser Busch, Inc., St. Louis; the Clinton Company, Clinton, Iowa; the Corn Products Refining Company, Chicago; Penick & Ford, Cedar Rapids, Iowa, and the Commercial Solvents Corporation, Peoria, Ill.

Because the supply of corn for industrial uses had diminished to such a low point as to threaten production of materials needed for the war, WFA ordered the elevators to set aside 35 percent of their present stocks and 35 percent of their future stocks for purchase by government-designated buyers.

OPD Price Index

The OIL, PAINT AND DRUG REPORTER'S relative record of prices for chemicals and related materials is currently as follows:—

Mar. 24, 1944	Mar. 17, 1944	Mar. 26, 1943
137.8	137.9	135.3

The base of the OPD Price Index is the average of prices in 1926 and 1936, those years representing extremes of price undulations in the interwar period.

The declining views with respect to prices became more tangible last week in the markets for chemicals, oils, and drugs. Mercurial salts carried on the previous week's trend in "real" chemicals. Helped by imported tanstuffs, this sufficed to overcome a net gain out of two shifts in essential oils, and the general average was lowered.

The supply of materials appeared to be adequate to current consuming potentialities. Manpower is getting still shorter in supply, and so there is no new activity to take up the slack resulting from warwork cutbacks; but the drawing off of men is reducing production here and there among chemicals and related materials; hence one shrinkage is matched by the other.

Coke By-Products Output

Estimates of by-product coke-oven operations in the week ended March 18 indicate the following outputs of by-products from that source:—

Ammonia sulphate	lbs.	40,422,720
Benzol	gals.	3,965,520
Coaltar	gals.	15,478,320
Creosote oil	gals.	818,688
Naphthalene	lbs.	1,726,920
Phenol	lbs.	230,256
Toluol	gals.	793,104
Xylol	gals.	179,088

WFA Pepper Seizure Restrained by C.T.C.

OPD Washington Bureau

The Commodities Trading Corporation, New York, on March 23, obtained a temporary restraining order in the United States District Court here against the War Food Administration to prevent the WFA from seizing 6,500,000 pounds of black pepper pending a hearing for preliminary injunction before Judge T. Alan Goldsborough on March 28.

The Commodities Trading Corporation is a holder of about 17,000,000 pounds of bulk pepper. Without notice to the owners, WFA on March 10 notified United States marshals in New Jersey and New York to seize 6,500,000 pounds of bulk pepper, 4,000,000 pounds of which were owned by the corporation. WFA acted under the authority of an amended act of October 16, 1941, providing that when the President determines that military or naval machinery, materials, supplies, munitions, and equipment is necessary for the defense of the nation, he can authorize its seizure by some government agency.

Edward L. Blackman, counsel for the Commodities Trading Corporation, regarding the move to secure an injunction against the WFA seizure order, said:

We didn't see how any sane person could hold that pepper is necessary for the defense of the nation. If the government can take this pepper, then they can seize from one civilian for another civilian's use anything they want, when they want it, on the pretext that it is necessary for the defense of the nation.

Chemical Interests Vested by APC

Property vested by and in the Alien Property Custodian by orders published in *Federal Register* March 22 includes interests of Edward Farber, International Sugar & Alcohol Company, Fritz Koch, Marcel Levy, Gregoire Meinkoff, N. V. Internationale Luiker en Alcohol Compagnie, Adolf Rambold, and R. Seelig & Hille Maschinen G.m.b.H.

The interests include United States patents on processes for removing coloring matters and other impurities from solutions, for removing hydrochloric acid from sugar solutions, for the saccharification of wood, and for the recovery of hydrochloric acid, and on a bag, also a reissue patent on a machine for making, filling, closing, and wrapping bags.

Petroleum Committee Headed by Maloney

Senator Francis Maloney of Connecticut has been elected chairman of the special eleven-man senate committee selected under the provisions of S. Res. 253 to investigate the world petroleum situation. The committee will look into "nearly everything relating to petroleum, both international and domestic, that affects our war or postwar position," Mr. Maloney said.

Casein Use Extended

OPD Washington Bureau

Because the supply situation of casein is more favorable than at any time during the last year, the Chemicals Bureau of the War Production Board announced March 24 that applications will now be considered from manufacturers who did not use this material in the past. Applicants should file form WPB-2945 by April 10. Heretofore, casein for paint has been allocated only to manufacturers having a past use pattern.

Niagara Sprayer Names Eddy Research Director

Dr. C. O. Eddy has been named director of research for the Niagara Sprayer & Chemical Company, Middleport, N. Y. The company is a subsidiary of the Food Machinery Corporation, San Jose, Calif. Dr. A. S. McDaniel, for many years director of research for Niagara Sprayer will be retained as consultant in chemistry and in charge of patents.

Dr. C. O. Eddy

Dr. Eddy formerly served with the research staff of Clemson College of South Carolina, the Kentucky Experiment Station and for the past eight years with Louisiana State University.

N. Y. Paint Club Told About New Handicaps

Increasing manpower shortage problems, to be faced in the immediate future, and the possibility that restrictive wartime directives may be projected into postwar economic controls affecting their own as well as other industries, were presented to members of the New York Paint, Varnish and Lacquer Association at a dinner-meeting, held in the Biltmore hotel, March 23.

The impending further loss of manpower, sure to result from the present intensified conscription of hitherto industrially deferred young men, was outlined by Dr. Gustav Peck, consultant on manpower of the War Production Board, and the warning to prepare for a possible extension of wartime controls in the form of directives into the peacetime era was sounded by Julius Klein, business consultant of the Department of Commerce and former Assistant Secretary of Commerce.

Donald R. Richberg, former head of NRA, now practicing law in Washington, also spoke on how to maintain a free enterprise system, entitling his talk "Political Angles and Angleworm. Additional addresses were made by Col. Arthur A. McDermott, director of selective service in the Greater New York area; John B. Wyatt, of Hinde & Dauch Paper Company, and A. J. Wittenberg, of Stroock & Wittenberg Corporation.

Derby Asks Employment For War Veterans

Harry L. Derby, president of the American Cyanamid & Chemical Corporation, this city, and chairman of the committee on veterans employment problems of the National Association of Manufacturers, called upon employers throughout the nation to give the returning veteran "his second best welcome." Mr. Derby said:—

The veteran is going to get his top welcome from his family, of course, but it behooves the business men of this country, whether they be in industry, agriculture, transportation or distribution, to give the veteran his second best welcome. The reception that the veteran gets when he returns to his old job, will go a long way in determining whether future relations between employer and employee will be amicable with maximum and mutual understanding, confidence and trust.

Table of Contents

News and Statistics

Adams with Nevada Univ. 50
Alcohol Projects Approved 52
Alkali Plant for Brazil 36
Ammonia Nitrate April Price 53
Animal Glues Allocated 43
Army Surplus Drugs Surveyed 7
Atlanta Drug, Chemical Elects 7
Baker Phillipsburg Warehouse 39
Calcium Carbide RRC Sale 5
Chemicals Allocations: Mar. 7
Chemists War Value Admitted 3
Casein Use Extended 4
Chi. Drug, Chem. Ass'n Nominees 7
Coke By-Products Output 4
Commercial Laboratories Activities 62
Corn Set Aside 4
Corrosion A.S.M. Research Fund 3
Cottonseed Crushings Off 44
Derby Asks Veterans Employment 4
Dewey & Almy Gets "E" 43
Dillinger Recuperating 37
Drugs, Medical Surplus Resurvey 7
Dyes Postwar Planning Discussion 37
Dyestuffs Granted for Civilian Use 39
Eagle-Picher DPC Contract Up 44
Explosives Instructions Available 7
Export License Work Reduced 5
Farrell in Com. Solvents Ad Post 7
Fats, Oils Consumption, 4th Quarter 7
Feeding Oils Exempt from Order 50
Hunt Ass't Director, Forest Lab. 7
Ill. Oil Prod. Tax Invalid 59
Iron Oxide Pigments Standards 47
Kay-Fries to Get "E" 62
Labor Standards N. Y. Bill Pending 3
Martin Amer. Resinous Div., Head 39
May to Head Chemistry Bureau 3
Milk Sugar Industry Advisers 50
Minnig Witco V.P. 47
Mint Oil Price Boost Urged 5
Niagara Sprayer Names Eddy 4
N.P.V.L.A. to Resume Convention 3
N. Y. Paint Club Meeting 4
N. Y. Paint Prod. Club's 25 Years 39
N. Y. Q. Army-Navy "E" 35
Paint Federation Meets Oct. 23 3
Paint Merchants Jersey City Clinic 43
Paint Thinner Oil Use Banned 3
Perfumers' Handbook by Fritzsche 58
Petroleum Committee Names Maloney 4
Petroleum Midwest Supply Group 59
Pine Oil Allocated April 1 5
Preference Ratings Basic Rules 3
Price Regulation Protest Date 56
Quinn Convalescing 43
Repair Order Data Needs 5
Rheem Co. New Orleans Facilities 36
Rolleri Maas & Waldstein Manager 44
So. Paint & Chemical Formed 44
Soil Waterproofing Developed 50
Superphosphate Plant in Idaho 3
Sutton to Supervise DuPont Plant 56
Textile Technologists to Meet 39
Webb Export Act Modernization 3
Williams Westvaco Production Head 7
WFA Oils Purchases 5
WFA Pepper Seizure Hit 4
WMC Names McGee Executive 3
Zinc Product Uses Told 44

General Features

Bids Wanted 4
Corporation Earnings 39
Current Market Quotations 9
Editorials 32
Imports 35
Obituaries 52
OPD Price Index 4
Scientific, Professional Services 62

Market Reports

Botanical Drugs, Spices, Gums 55
Coaltar Chemicals 38
Drugs and Fine Chemicals 49
Essential Oils, Other Aromatics 57
Fertilizer Materials 53
Heavy Chemicals 33
Oils, Fats and Waxes 45
Petroleum Derivatives 59
Protective Coatings Materials 41
Textile, Leather Chemicals 37

Bids Wanted

Asphalt, Emulsified:—1,100 gallons. Supply Officer, Veterans Administration, Facility, Downey, Ill.; invitation 44-147, opening March 28.

Bleaching Material:—1,500 containers, Purchasing Agent, District Government, Washington (4); schedule 5326, opening March 31.

Calcium Chloride:—1,000 pounds. Supply Officer, Veterans Administration, Facility, Marion, Ind.; invitation 44-229, opening March 30.

Chlorinating Agent:—500 pounds. Supply Officer, Veterans Administration, Facility, Marion, Ind.; invitation 44-229, opening March 30.

Chlorine, Liquefied:—2,100 pounds. Supply Officer, Veterans Administration, Facility, Marion, Ind.; invitation 44-229, opening March 30.

Cleaning Compound:—250 pounds. Business Manager, Justice-Bureau of Prisons, Medical Center for Federal Prisoners, Springfield, Mo.; invitation 17-978, opening March 29.

Drugs:—Supplies of, Procurement Division, Veterans Administration, Washington (25); invitation 369, opening April 10.

Fertilizer:—2,000 pounds, Supply Officer, Veterans Administration, Facility, Marion, Ind.; invitation 44-227, opening March 28.

Gases:—Supplies of, Supply Officer, Veterans Administration, Lexington, Ky.; invitation 45-6, opening April 11.

Insecticide, Liquid:—6 55 gallon drums, Purchasing Agent District Government, Washington (4); schedule 5293, opening March 27.

Paints:—Supplies of, Procurement Division, Veterans Administration, Washington (25); invitation M-89, opening March 30.

Salt, Rock:—45 tons, Chief Clerk, Department of Justice, Bureau of Prisons, U. S. Penitentiary, Terre Haute, Ind.; invitation 31-1640, opening March 27.

Oil, Paint and Drug Reporter, Vol. 145, No. 13, March 27, 1944. Published weekly by Schnell Publishing Company, Inc., 59 John St., New York 7, N. Y., U. S. A. Tel. REctor 2-9820. Subscription price:—United States and possessions, Cuba, Mexico, Central America and South America, $5; Canada and Newfoundland, $7; other countries, $10. Entered as second-class matter, January 15, 1884, at the New York Post Office under the act of March 3, 1879. Copyright, 1944, by Schnell Publishing Company, Inc.

Export License Paper Work Reduced

OPD Washington Bureau

The Foreign Economic Administration has adopted a new procedure designed to lift some of the paper work burden on exporters by which blanket licenses (BLT licenses) can be used for exportation of certain commodities by an individual exporter to two or more consignees or purchasers in Latin America.

Announcement of the new license procedure was made March 22. It is to be considered as an alternative procedure to that of submitting individual export license applications. For the present the procedure is only applicable to those countries which do not require import recommendations for the commodity to be licensed. BLT licenses are to be valid for a period of twelve months from the date of issuance.

Exporters, in applying for a BLT license, should submit a FEA license application and, where applicable, the appropriate WPB forms. In the space normally used to list purchasers, consignees and other parties of interest, the applicant should write:—"See attached list of purchasers and consignees made a part of this application." In the "quantity" column shall be shown the total quantity of commodity to be exported. In the "value" column shall be shown the aggregate value of the material. It is not necessary to show "gross weight" or "total cubic measurement."

Calcium Carbide Sale Authorized for RRC

OPD Washington Bureau

The Rubber Reserve Corporation has been authorized by the Office of Price Administration to dispose of its surplus supplies of calcium carbide at the same price levels provided the Defense Supplies Corporation by OPA in amendment 48 to Supplementary Regulation No. 14, revised, issued on November 1, 1943.

Officials explained March 23 that Rubber Reserve Corporation has a calcium carbide plant at Ashtabula, Ohio, which is being operated for it by the National Carbide Company, which also has a calcium carbide producing plant at Louisville, Ky., the entire output of which is being used by RRC in the manufacture of neoprene at its rubber plant in Louisville.

The Rubber Reserve Corporation has an arrangement by which the National Carbide Company receives from the Ashtabula plant an amount of calcium carbide equal to that which RRC obtains from the National Carbide Louisville plant. The Ashtabula plant produces approximately 6,000 tons of calcium carbide a month and about one-third of this will be available for sale by the Rubber Reserve Corporation.

Repair Order Data Needs Spelled Out

OPD Washington Bureau

Information which should be given by persons applying for increases in their maintenance, repair and operating supply (MRO) quotas under CMP Regulation No. 5, has been spelled out in Direction No. 18 to that Regulation, the Controlled Materials Plan Division of the War Production Board has announced. Items of information which should be given are:—

1. Name of product(s) manufactured or description of services rendered. Show what quarterly quota you were authorized under paragraph (f) in 1943. (If operating on a seasonal basis, show for each quarter of 1943.) If you received a special authorization for any quarter, show that for each such quarter in addition to the "base" quota.

Statement of total dollar value of deliveries of your product in 1942, and first and subsequent quarters of 1943, by quarters. Show deliveries for each quarter by principal claimant agencies. Statement of total amount of MRO requested to be authorized per quarter. This should include the base quota already permitted by paragraph (f) (1), (2), or (3) plus the increase requested. Statement of total amount expended during 1943 for minor capital additions under paragraph (b) (3) of the regulation. Statement of deliveries of your product scheduled for quarters for which MRO increase is requested. Any additional information which may be pertinent to proper evaluation of the application.

Washington Talks It Over

Observations • Prognostications • Developments

By OPD Observer

United States officials and those of Great Britain have entered into conversations looking toward a modification of the restrictions on the resale of lend-lease goods to make the policy operate the same way as respects resale of British goods as it does on resale of American goods.

Reverse lend-lease is becoming an important factor in trade between the United States and Britain, according to officials, and Britain has begun to question the fairness of the rule that says that Britain may not resell lend-lease goods it receives from us, but says nothing about what we shall do with the goods we receive from it under lend-lease.

Another point which the officials want to have cleared up is that of the right of Britain to sell goods it receives from the United States which it has paid for in cash. So many things are moving under lend-lease that most people are under the impression that all the Anglo-American trade is being handled that way. Britain is still paying cash for some of the things it gets from the United States and is selling them in other markets in order to maintain goodwill.

Starch Loses to Spirits

Producers of starch may well feel—and understandingly so—very much like orphans. If the government is planning any steps to look out for their interests, the producers would like to see some evidence of it—but quick.

Use of corn as a basis of making starch is fast becoming but a memory because of the diversion of available stocks to feed. Now the hopes of the industry of being able to switch over to sweetpotatoes are being threatened by WPB action looking toward using sweetpotatoes as a source of alcohol.

WPB has just approved a project of the United States Sugar Corporation at Clewiston, Fla., for erection of a $2,056,000 plant to produce 7,000,000 gallons of alcohol annually from sweetpotatoes. And WPB points out that the sweetpotatoes used will be of the type with a high starch content—just what the starch industry wants—which are not palatable for ordinary human consumption.

Acid Boosts Naval Stores

Ever since the Forest Service reported about two years ago that production of naval stores could be increased at least 25 percent by use of chemical stimulants, naval stores operators have been asking the Department of Agriculture for information about the effects of the stimulant on rosin grades and on the quality of turpentine.

To get an answer to these questions the Southern Forest Experiment Station supplied to the Naval Stores Experiment Station test samples of gum from treated and untreated pinetrees. After tests this laboratory reported that "there appears to be no reason for not using acid or caustic soda stimulation as far as rosin grades and yields of turpentine and rosin are concerned.

Many private operators in Florida and Georgia have cooperated by applying acid stimulants directly to streaks on slash and longleaf pinetrees immediately following chipping. A 40 percent solution of sulphuric acid gives best results in increasing naval stores production of slash pine; a 60 percent solution is best on longleaf pine. Use of the solution is not only increasing yields, but is also resulting in considerable labor saving.

Congress Goes Penurious

A growing tendency can be noticed in Congress to tighten up the purse-strings somewhat, both as regards to the amount of money alloted to departments for expenditure in the next fiscal year and in the manner in which the money may be spent. Up to the present time the house appropriations committee has reported six of the annual supply bills, and in every instance the amount recommended for appropriation has been less than that proposed by the budget bureau. Some of these reductions have been quite substantial—in one instance, the first deficiency bill, it amounted to 18 percent.

An outstanding instance of providing greater control over the way the money is spent showed up in the appropriation for TVA. It has been the practice of that agency to retain control of its receipts and use them to meet its expenses as they arise. It is now proposed that these receipts be turned into the Treasury, to be made subject to expenditure only upon congressional approval.

Consideration also is being given by the lawmakers to establishment of a bureau of efficiency, responsible only to Congress, to police the expenditure of funds by the departments and agencies. The bureau is provided for in H. R. 4252, and would make continuing investigations of overlapping and duplication of Federal activities, excessive numbers of government workers, procurement and disposal of Federal property, personnel and administrative management practices, and all requests for appropriations.

Overalls Are Scarce

The Office of Civilian Requirements is conducting another survey of consumer goods supply to find out what shortages are irritating the people most. The survey is similar to the one made last November, but with emphasis this time on textile products and small household articles.

Textiles have been a big problem to the government planners ever since the start of the war. The military demand has been so great that civilian supplies in some lines, notably work clothes and infants' garments, developed into a real shortage. Steps have been taken to improve the supply of low-price garments for children, but the work clothing situation—overalls and shirts—is still bad and will remain so unless WPB can find a way to increase production. OPA is considering raising the ceiling prices to allow manufacturers a bigger profit margin as an incentive to speed up production.

Price Ceilings in Money

The OPA Consumer Advisory Committee is protesting the OPA "hold-the-line" methods of merely fixing the margins of profits of wholesalers and retailers on many of the things the general public must buy. This allows too much room for evasion, it is alleged, and should be abandoned wherever possible.

The committee is composed of twenty-three persons active in consumer work and chosen, for the most part, from national organizations of various types. It was formed by OPA to assist in carrying out the "hold-the-line" order. Right now the group is very much concerned over a proposal under consideration by OPA to regulate retail prices of most all products, except food, by limiting retailers' margins.

What the committee wants are more dollars-and-cents ceiling regulations and where they would not be practicable, a cutback in the margins now being allowed. The committee sees no reason why dollars-and-cents ceilings cannot be established for such things as drugs, dentifrices, standards cosmetics, paints, floor coverings, hardware, work clothing, and the many other things that go to make up the cost of living.

Latin American Credit

The benefits of the billions spent by the United States for products of Latin America needed for the war effort are beginning to show vividly in the trade figures for those countries. Figures of the individual countries are still a military secret, but last year Latin America as a whole enjoyed the greatest net favorable trade balance in history—$524,634,000.

—*Continued on page 39*

Mint Oil Price Boost Urged by Congressman

OPD Washington Bureau

A revision of the maximum price regulation covering peppermint oil is tentatively scheduled for announcement Wednesday by the Office of Price Administration, it was learned March 24. The order, which has been under consideration for weeks by OPA following conferences with representatives of producers and dealers, has been signed by Price Administrator Chester Bowles and is now being processed by the legal division.

Declaring that the future of the domestic mint oil industry is being threatened by low-price ceilings and by imports from Brazil, Representative Paul W. Shafer of Michigan urged in the house March 21 that the government take immediate steps to increase ceiling prices to growers and curb imports by imposition of a duty of $2 per pound.

Mr. Shafer said that because of the price situation and the possibility of another unfavorable growing season the peppermint growers of Michigan and Indiana this year are threatening to abandon the industry and switch to the growing of other crops. He presented to the house a resolution adopted by the Essential Oil Growers of Michigan protesting present price ceilings and the free importation of mint oils from Brazil, and said:—

Extremely wet weather last Spring resulted in a very weedy condition of many of our mindt fields so that large areas were entirely abandoned or now have such a poor stand of mint roots that growers must plant new fields if they are to continue to maintain their acreage. They will not go to this additional expense or effort if there is to be no future in producing the mint crop. Unless the Office of Price Administration makes an adjustment in the inadequate ceilings which have been decreed, mintgrowers will abandon the industry. They are today calling upon the OPA to fix new ceilings, taking into consideration possible unfavorable weather conditions such as they experienced last year, which caused them a considerable loss.

Large manufacturing consumers of mint oil have recognized the seriousness of the situation and have met with the OPA in Washington. They have urged a ceiling of $7 for the 1943 oil. They were given sufficient encouragement by the OPA so that the manufacturers advised the growers to hold their oil, made from the 1943 crop, until the ceiling prices are adjusted. These consumers have agreed to pay these higher prices and not to in-

—*Continued on page 58*

Pine Oil Under Full Allocation April 1

OPD Washington Bureau

The War Production Board has announced that pine oil has been placed under full allocation effective April 1. The allocation order is M-365. Officials of the WPB Chemicals Bureau said the action was taken to equalize distribution in the face of an estimated 15 to 20 percent reduction in production largely resulting from manpower problems. Demand for pine oil as a disinfectant has increased, the Chemicals Bureau said, as a result of restrictions on phenol and carbolic acid. Pine oil previously had been under no control other than that of priorities regulation No. 1.

WFA Oils Purchases

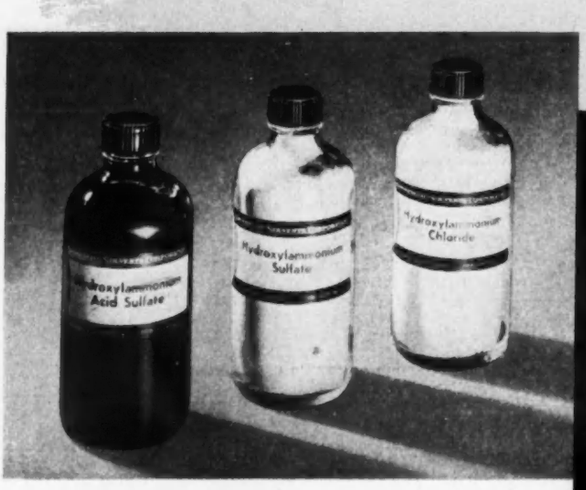
War Food Administration purchases of fats and oils for lend-lease, territorial emergency, Red Cross, and other purposes during the year ended December 31, 1943, were as follows:—

	Pounds.
Lard	807,039,091
Oleomargarin	80,797,902
Pork fat, rendered	3,430,392
refined	71,176,049
Shortening	61,815,476
Tallow, edible	12,087,454
Oil, corn	3,775,500
fish, crude	32,066,560
cottonseed	5,347,620
linseed, boiled	2,339,360
linseed, edible	297,241,065
soybean	8,525,000
soybean	21,783,500
oleo	8,525,000
Tallow, edible	5,218,720
Soybean meal	88,000

In addition to the above purchases, Commodity Credit Corporation reported the following under lend-lease operations during the same period:—

	Pounds.
Oil, linseed, edible	91,650,385
sunflower	38,657,460
tung	500,000
Soybean meal (tons)	9,806
Tallow, edible	5,218,720

HYDROXYLAMINE



now available to industry . . . as a result of Commercial Solvents *NITROPARAFFIN DEVELOPMENT*

MANUFACTURE of Hydroxylamine from Nitroparaffins has made it available for the first time at reasonable prices. After the war when production can be expanded even lower prices are forecast—Hydroxylamine will undoubtedly assume increasing industrial importance.

Technical and patent literature contain many references to uses for Hydroxylamine . . . in removal or purification of aldehydes and ketones . . . as a catalyst in producing resins and synthetic rubber . . . in preparing nitriles, acid amides, isoxazoles, diazotates, halonitroparaffins, metal complexes, barbituric acid derivatives, and other compounds used in pharmaceuticals, dyestuffs, photographic chemicals, insecticides, and antiseptics.

Three salts of Hydroxylamine are available . . . acid sulfate, sulfate, and chloride. Now is the time to see how these chemicals may serve you. Write our Technical Service Division for samples.

CSC

COMMERCIAL SOLVENTS
Corporation
17 EAST 42nd STREET, NEW YORK, N. Y.

Army Surplus Drugs Surveyed

OPD Washington Bureau

Surplus stocks of drugs and medical supplies of the army are being resurveyed by War Department officials in the light of their probable need in the war effort and officials said March 23 that it is impossible at this time to estimate either the amount or the time when these supplies will be declared "surplus" and turned over to the Procurement Division of the Treasury Department for disposal.

It had been estimated several weeks ago that the army had somewhere in the neighborhood of $100,000,000 of drugs, medicines, and health supplies in excess of what it considered would be needed. Of this amount about $24,000,000 was said to consist of drugs and surgical dressings. Whether the new survey would reduce this volume or add to it, officials could not say, but in other quarters it was thought that the amount would be reduced.

Officials of the Procurement Division have been expecting the declaration to come from the War Department of its surplus stocks almost daily. Up to the present time, it was said, about $500,000 of drugs has been declared "surplus" to the division, but with intimations that this is but a small portion of the amount eventually to be turned over for disposal.

Meanwhile, they are holding up the disposal of these drugs until the War Department completes its report and

—*Continued on page 50*

Atlanta Drug, Chemical Elects Officers

Atlanta Drug and Chemical Club has elected the following officers:—President, W. A. Volk; vice-president, H. G. Reilly and treasurer E. E. Bengston.

The position of secretary, held at present by Mr. Rainey, will be filled at the next meeting. Elected to the board of directors were:—J. C. Bagwell, E. D. Crane, George R. Fellows, W. R. Cranberry, Fred Lewis, J. W. Renshaw.

Chicago Drug, Chemical Ass'n Nominees Named

Chicago Drug and Chemical Association will hold its annual meeting in the Drake hotel, March 30. The following have been nominated for office. President, F. Dean Hildebrandt; vice-president, Harry E. Dunning, of Albert Verley & Co.; secretary, Martin B. Vance, of Givaudan-Delawanna, Inc.; treasurer, Edgar E. Brand, of L. Sonneborn Sons, Inc.

Williams to Direct Westvaco Production

W. N. Williams has been named vice-president in charge of production for the Westvaco Chlorine Products Corporation, this city. He formerly was assistant to the president, a post to which he was appointed in 1941.

Mr. Williams became associated with the Westvaco Chlorine Products

W. N. Williams

Corporation in 1924. In 1929 he was placed in charge of two West Coast subsidiaries, Barium Products, Ltd., Modesta, Calif., and Peroxide Manufacturing & Specialty Company, San Francisco.

In 1933 Mr. Williams was transferred to California Chemical Company, where he became assistant to the president, which position he held until being made general manager of Western operations for Westvaco in 1937. Transferred to the New York office in 1938, as manager of sales, he became a member of the board of directors in July, 1941.

Hunt Ass't Director Of Forest Laboratory

George M. Hunt, who for many years has been chief of the Division of Wood Preservation at the U. S. Forest Products Laboratory, Madison, Wis., has been appointed an assistant director of the laboratory. C. P. Winslow is director. Mr. Hunt has been on the laboratory staff for more than thirty years as a chemist.

Explosives Instructions Have Effect of Law

OPD Washington Bureau

Instructions for the storage, handling and transportation of explosives contained in a pamphlet of the same title issued by the Bureau of Mines were given the effect of law March 21 by the issuance of a regulation by the bureau containing, in effect, extracts from the pamphlet. The regulations contain no requirements which the industry had not heretofore been requested to adhere to.

It was explained that the storage instructions are being put in the form of regulations in order to give them a firmer basis in law to strengthen the bureau's position in court in cases involving violations of the instructions. While the courts in the past have considered it binding upon a person to follow the instructions contained in the pamphlet when he had perused the significant facts contained therein

—*Continued on page 52*

Farrell Gets Commercial Solvents Ad Post

E. J. Farrell has been appointed advertising manager for the specialties division of the Commercial Solvents

E. J. Farrell

Corporation, this city. Mr. Farrell, who will have his headquarters in New York, will supervise the activities of the division in cooperation with John N. Cronk, advertising manager of the corporation in Terre Haute, Ind.

Chemical Allocations For March Issued

The War Production Board has issued the following supplementary chemical allocations for March:—

Urea and Melamine Aldehyde Resins

(1.) Adhesives:—All urea resin adhesives were allocated in full for civilian use. These uses included:—Civilian furniture, 419,000 pounds; federal housing, refrigerators, baby cribs and strollers, kitchen sink bases, luggage, dental, medical and laboratory equipment, 57,000 pounds.

(2) Laminating Resins: Laminating resin was granted in full for the following essential civilian uses:—Table tops for war industries, hospitals, mess halls, USO, schools, public eating places, instructive panels for industries, industrial electrical insulation, sole leather replacements for rationed shoes.

(3) Molding Compound: Urea and melamine molding compound covering civilian items only were allowed in full for all requests including buttons, closures, cosmetics and other containers, hardware and domestic appliance parts, wiring devices, lighting reflectors, tableware and kitchenware, and thermos caps. Wine and liquor closures were granted material on "defer" basis. Denied for premium items, toys, cigarette boxes, and containers for group cosmetic packaging.

(4) Protective coatings: Allocations to civilian uses were made as follows:—Urea and melamine aldehyde resins containing phthalic alkyd resins were allocated in accordance with the February Policy under Order M-139. Requests for all other urea and melamine aldehyde resins were granted in full to the following end uses:—Transportation, electrical and communication equipment, industrial machinery and equipment, textiles and leather, health, safety and scientific equipment, furniture, laundry, kitchen and refrigeration equipment, building materials and buildings, containers, packages and accessories, miscellaneous (including buttons, buckles, and helmets, and use with allocated alkyd resins.

(5) Specialties: All requests were granted in full. The principal non-military end uses were:—High wet strength paper for packaging, surgical pads, food protection wrappers, and toweling, photographic paper, coated paper for closures, blue print paper, coating for cellophane, imitation leather and shoe leather coatings.

(6) Textiles: All civilian uses were granted in full for the following end uses:—Stabilization, printing, crease proofing, and for glazing.

Vinsol

Granted 100 percent for asphalt emulsions, leather, records, iron and steel, resale, electrical, paint, matches, small orders, and cement.

Vinyl Polymers

Polyvinyl Acetate: Allocations granted 100 percent for adhesives for packaging, sealing and labeling food products and drugs; flameproof coating for fluorescent lighting units; electrical insulation binder; glass substitute; adhesives replacing latex in manufacture of shoes and leather goods; occupational clothing; padding and tabbing cements; hygienic adhesives; protective coating for feed, oil and paint containers; mending and sensitive pressure tape; photo film adhesive; chewing gum; and experimental.

Polyvinyl Alcohol: 100 percent allocations for dairy filter materials; food container sand closures; adhesives for electrical equipment; padding compounds; shoe adhesives; sensitive pressure tape; and experimental.

Polyvinyl Butyral: No new material allocated for civilian use, but small amounts authorized for use from inventory.

Vinyl Chloride Resins over 92 percent Vinyl Chloride: Allocations on wire and cable were not cut on a percentage basis, but according to past usage and to stock on hand. All other civilian uses were cut according to the program set up jointly by the Army, Navy, Aircraft and the War Production Board.

Vinyl Chloride Resins under 92 percent Vinyl Chloride: Allocations granted from one sub-grade of this type of resin as follows:—100 percent for chemical protective coating on industrial equipment parts; 50 percent for public transportation upholstery, closures on drugs, medicines, and food; 10 percent for closures on beverages; 20 percent for industrial protective coating. All other civilian uses were cut according to the program set up jointly by the Army, Navy, Aircraft and the War Production Board.

Saran: Allocated 100 percent for molded parts, tubing, rodding, and sheeting where there is severe chemical corrosion.

Vulcanized Fiber (Sheet)

(Numbers expressed in pounds.)

During the month of February the following quantities of vulcanized fiber sheet were allocated for civilian requirements:—Textile mills, 94,000; abrasive discs, 70,000; safety helmets, 11,277; misc. office equipment, 34,242; state tax tokens,

—*Continued on page 52*

Fats and Oils Consumption by Industries: Fourth Quarter

Factory consumption of primary animal and vegetable fats and oils by classes of products, for the fourth quarter of 1943, as reported by the Bureau of Census, in pounds, follows:—

Vegetable Oils

Kind of fat or oil	Total	Used in refining	Paint, and Varnish	Lubricants	Shortening	Margarin	Other edible products	Sulphonation	Soap	Miscellaneous
Babassu, crude	7,041,000	1,238,000	.....	.....	.....	.....	.....	.....	5,713,000	90,000
refined	1,784,000	.....	.....	.....	.....	.....	.....	.....	1,783,000	1,000
Castor, No. 1 crude	21,571,000	.....	1,402,000	182,000	.....	.....	.....	863,000	768,000	18,232
No. 3, crude	9,153,000	.....	362,000	68,000	.....	.....	.....	2,191,000	81,000	6,446,000
dehydrated	7,577,000	.....	6,452,000	24,000	.....	.....	.....	.....	3,000	1,198,000
sulphonated	1,438,000	.....	98,000	148,000	.....	.....	.....	111,000	107,000	974,000
Chinawood or tung	2,685,000	.....	2,190,000	.....	.....	.....	.....	.....	.....	495,000
Coconut, crude	60,016,000	24,338,000	.....	1,000	.....	.....	.....	8,000	29,140,000	6,529,000
refined	21,794,000	.....	9,000	.....	.....	.....	.....	.....	13,432,000	8,336,000
Corn, crude	63,763,000	62,849,000	.....	3,000	.....	.....	.....	90,000	149,000	672,000
refined	29,756,000	.....	7,000	46,000	941,000	2,740,000	1,611,000	60,000	158,000	24,193,000
Cottonseed, crude	493,368,000	494,997,000	1,000	109,000	.....	.....	.....	.....	133,000	28,000
refined	326,250,000	.....	19,000	60,000	148,853,000	73,910,000	6,873,000	123,000	37,000	94,354,000
Linseed	137,781,000	.....	90,289,000	458,000	2,087,000	427,000	.....	12,000	.....	44,073,000
Oiticica	857,000	.....	483,000	.....	.....	.....	.....	.....	.....	374,000
Olive, edible	299,000	.....	.....	93,000	.....	.....	49,000	.....	2,000	248,000
inedible	146,000	.....	.....	.....	.....	.....	.....	12,000	128,000	6,000
Olive, sulphur oil or olive foots	1,049,000	.....	.....	.....	.....	.....	.....	.....	1,049,000	.....
Palm kernel, crude	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
refined	137,000	.....	.....	.....	.....	.....	.....	.....	137,000	.....
Palm, crude	18,430,000	829,000	.....	67,000	.....	.....	.....	.....	10,974,000	6,560,000
refined	851,000	.....	.....	.....	.....	.....	.....	.....	846,000	5,000
Peanut, crude or virgin	36,695,000	36,518,000	.....	.....	.....	.....	.....	1,000	70,000	6,000
refined	21,386,000	.....	.....	.....	12,730,000	1,142,000	1,744,000	543,000	12,000	5,215,000
Perilla	319,000	.....	241,000	.....	.....	.....	.....	.....	.....	78,000
Rapeseed	5,572,000	.....	22,000	4,575	.....	.....	.....	.....	.....	975,000
Sesame	300,000	.....	483,000	.....	.....	.....	.....	.....	2,000	115,000
Soybean, crude	239,898,000	237,998,000	456,000	179,000	.....	.....	.....	203,000	549,000	4,509,000
refined	206,616,000	.....	5,059,000	93,000	127,989,000	42,710,000	4,508	180,000	696,000	4,598,000
Other vegetable	2,359,000	123,000	62,000	.....	389,000	.....	635,000	238,000	188,000	373,000

Animal Fats

Lard, rendered (including neutral lard and rendered pork fat)	75,244,000	.....	.....	114,000	7,847,000	2,751,000	674,000	.....	55,954,000	7,994,000
Neatsfoot oil	2,719,000	5,000	3,000	212,000	.....	.....	.....	282,000	1,000	2,216,000
Oleo oil	3,522,000	.....	.....	.....	685,000	3,586,000	352,000	.....	898,000	72,000
Stearin, animal, edible	8,596,000	.....	.....	.....	6,733,000	769,000	737,000	.....	255,000	102,000
Tallow, edible	24,570,000	.....	.....	148,000	19,416,000	69,000	1,142,000	.....	3,723,000	72,000
inedible	258,709,000	145,000	3,000	7,095,000	.....	.....	.....	980,000	205,745,000	5,136,000

Fish and Marine Mammal Oils

Codliver oil	2,767,000	.....	.....	.....	.....	.....	.....	.....	.....	2,767,000
Cod oil	3,008,000	.....	.....	15,000	.....	.....	.....	626,000	.....	2,367,000
Fish oil	40,064,000	.....	8,914,000	477,000	536,000	.....	.....	1,905,000	10,088,000	17,702,000
Marine mammal oil	3,302,000	.....	.....	1,964,000	.....	.....	.....	378,000	.....	960,000
Other liver oil	1,124,000	.....	.....	.....	.....	.....	.....	64,000	.....	1,190,000

Greases

Greases, other than wool	167,688,000	.....	4,000	3,923,000	.....	.....	.....	63,000	125,075,000	38,623,000
Wool grease	4,555,000	2,144,000	6,000	1,035,000	.....	.....	.....	2,000	.....	1,344,000

Double duty for RAYON!

Chemical exactness makes it possible

Giant colored parachutes drop their supplies of food, medicine, water and ammunition to waiting soldiers—

And thus rayon serves on both the war and the home front!

It is rayon fabric there in the floating canopies—a rayon stronger and tougher than that used for ordinary fabrics—a rayon specially engineered to withstand the sudden shock of the load as the parachute snaps open.

In the development and production of war-time rayon, Baker has played, and is playing, a part. Baker supplies uniform chemicals for processing, and to exacting specifications.

This is only one of many instances where Baker Chemicals are contributing to our nation's war effort.

Baker's Chemicals have been supplied to many manufacturing concerns for the manufacture or processing of various products.

If you have special chemical requirements involving purity to the decimal for war-production products, or for the anticipated post-war reconversion program, we invite you to discuss your needs in confidence with Baker.

J. T. BAKER CHEMICAL CO., Phillipsburg, N. J.

NEW YORK	PHILADELPHIA	CHICAGO
420 Lexington Avenue	220 S. 16th Street	435 N. Michigan Ave.

Baker's INDUSTRIAL CHEMICALS

OPD—3-27-1944

Current Market Quotations Chemicals and Related Materials

March 24, 1944

Unless otherwise indicated, quotations are first-hands on large lots, f.o.b. New York. Price changes and trends are noted in the market reports, with other informative comment. The locations of these reports are given in the table of contents on page 4.

All matter under this heading fully protected by copyright.

A

Acacia (see Gum, Arabic).

Acetaldehyde,[4,6] 99%, dms.. 55 and 110 gals., works..lb. .11 - —
5 and 10 gls., works.....lb. .14 - —

Acetaldol (see Aldol).

Acetamide, CP, fib. dms., 5,000 lbs. a year, works..lb. .36 - —
smaller lots, works.....lb. .38 - .70
tech., fib. dms., 5,000 lbs. a year, works..lb. .28 - —
smaller lots, works.....lb. .30 - .50

Acetanilide, tech., cryst., bbls.lb. .29 - .31
powd., bbls.....lb. .27 - .29
USP, cryst., bbls.....lb. .36 - .37
dms.....lb. .42 - —
kgs.....lb. .37 - .38
powd., bbls.....lb. .34 - .35
dms.....lb. .40 - —
kgs.....lb. .35 - .36

Acetoacetanilide, bbls., 75-lb. dms. lb. .49 - —
smaller lots.....lb. .67 - —

Acetone, CP,[4,1] dms., c.l., divd. E.•..lb. .08 - —
l.c.l., divd.....lb. .08½ - —
tanks, divd.....lb. .07 - —

---

* OPA ceiling for East; Western ceiling, ½c. per lb. higher.

Methyl (see M).

Acetonitrile, dms., c.l., works.lb. .75 - —
l.c.l., works.....lb. .90 - 1.25
5-dm. lots, works.....lb. 1.00 - —
5-gal. lots, works.....lb. 1.25 - —

Acetophenetidin, bbls., kgs., 1,000 lb. lots..lb. 1.00 - —
dms.....lb. 1.08 - 1.10

Acetophenone, cne., dms.....lb. 1.55 - 1.60

Acetyl chloride, cbys., works..lb. .60 - —

Acid, abietic, dms., c.l., wks..lb. .07½ -

Acetic,[1,6] com'l or redist., 28% bbls..100 lbs. 5.38 - 5.63
56%, bbls.....100 lbs. 5.56 - 5.63
70%, bbls.....100 lbs. 6.68 - 6.96
80%, bbls.....100 lbs. 7.47 - 7.72
glacial, nat., CP, cbys.100 lbs.13.50 -13.75
99.5%, bbls.....100 lbs. 9.15 - 9.40
tanks, works.....100 lbs. 6.96 - —
USP, cbys.....100 lbs.11.70 - —
synth., CP, dms., works..... 100 lbs.12.50 -13.50
99.5%, bbls., works.100 lbs. 9.18 - 9.46
dms., works.....100 lbs. 9.25 - 9.75
tanks, works.....100 lbs. 6.96 - —
USP, dms., works.100 lbs.10.50 -11.00
pure, 80%, bbls.....100 lbs. 4.44 - 4.69
36%, bbls.....100 lbs. 4.86 - 5.11
60%, bbls.....100 lbs. 7.60 - 7.85
80%, bbls.....100 lbs. 9.26 - 9.51

Acetic acid price ranges above are for c.l. and l.c.l. quantities. Carboys and cases are 50c. per 100 lbs. higher.

Acetic, anhydride,[6] dms., c.l., frt. alld..lb. .11½ - —
l.c.l., frt. alld.....lb. .13 - —

Acetylsalicylic, special, USP, bbls., makers, primary distrib., point of shipm't... 100 lbs. .45 - —
smaller lots, same basis. lb. .46 - .50

Standard USP, fine cryst., gran. (20-40 mesh), powd. (50 mesh), 200-lb. bbls., same basis..lb. .40 - —
smaller lots, same basis. lb. .40 - .54

Freight equal'd. shipment identical quantity over standard routes, from N. Y. City, Phila., Midland, Mich., Chicago and St. Louis.

Adipic, fib. dms., works.....lb. .31 - —

Aminoacetic, USP (see Glycine).

Anthranilic, resub., bbls.....lb. 1.20 - 1.25

tech., bbls.....lb. .95 - —

Arsenous,[6] tech. (see Arsenic, White.)

USP, powd., dms., kgs....lb. .20 - .22

Ascorbic,[1,6] USP, 50-kilo lots, dms..kilo.27.00 - —
10-kilo lots, dms.....kilo.27.35 - —
2½-kilo lots, dms.....kilo.27.70 - —
1-kilo lots, dms.....kilo.28.41 - —
500 gram lots, bots.....kilo.29.47 - —

Battery, cbys., c.l., E. works. 100 lbs. 1.60 - —

10-25, E. works.....100 lbs. 1.95 - —

1-9, E. works.....100 lbs. 2.55 - —

Benzoic, tech., bbls., 4,000 lbs. 100 lbs. 6.30 - —
l.c.l., bbls., works.....lb. .43 - —
1,000 to 3,900 lbs.....lb. .44 - —
900 lbs. or less.....lb. .47 - —

USP, bbls., 4,000 lbs. up..lb. .54 - —
1,000 to 3,900 lbs. up....lb. .55 - —
900 lbs. or less.....lb. .58 - .59
dms., 4,000 lbs. up.....lb. .55 - .56
1,000 to 3,900 lbs.....lb. .56 - .57
900 lbs. or less.....lb. .59 - .60

Betaoxynaphthoic, bbls., f.o.b. works..lb. .95 - —

Boric,[2] tech., 99.5% cryst., (same as prices for powder), gran., bgs., c.l., frt. alld. ton.99.00 - —
ton lots, ex whse..ton.111.00 - —
less than ton lots, ex whse..ton.116.00 - —
bbls., c.l., frt. alld...ton.109.00 - —
ton lots, ex whse..ton.121.00 - —
less than ton lots, ex whse..ton.126.00 - —
bulk, frt. alld.....ton.95.50 - —
powd., bgs., c.l., frt. alld.. ton.104.00 - —
ton lots ex whse....ton.116.00 - —
less than ton lots, ex whse..ton.121.00 - —
bbls., c.l., frt. alld..ton.114.00 - —
ton lots, ex whse..ton.126.00 - —
less than ton lots, ex whse..ton.131.00 - —

USP $25 per ton higher.

Butyric, 99%, dms., c.l., works. lb. .22 - —
l.c.l., same basis.....lb. .23 - —
tanks, same basis.....lb. .21 - —

Brosners, bbls.....lb. 1.11 - —

Cacodylic, 5-lb. bots.....lb.22.00 - —

Acid, camphoric, cns.....lb. 6.95 - 7.00
Capric, dms.....lb. .21½ Nom.
Caprylic, dms.....lb. .27 - .27½
Castor oil,[5] split, dms.....lb. .20¾ - .21¼
Chlorosulphonic, dms., c.l., wks. lb. .03 - —
l.c.l. .....lb. .03½ - .04½
tanks, works.....lb. .02½ - —
Chromic,[6] 99½-99¾%, dms., c.l., lb. .16½ - —
l.c.l. .....lb. .16¾ - .18¼
Cinnamic, refd., bots.....lb. 3.50 Nom.
Citric,[1,6] anhyd., gran., dms., c.l..lb. .22½ - —
10,000 lbs., 1 ship't..lb. .23 - —
smaller lots.....lb. .23½ - .25½
kgs.....lb. .24 - —
cryst., gran., bbls., c.l....lb. .20 - —
10,000 lbs., 1 ship't...lb. .20½ - —
smaller lots.....lb. .23 - .24
kgs.....lb. .21½ - —
Citric acid powd., ½c. higher.
Cleve's, bbls.....lb. .65 - —
Coconut oil,[1,6] dist., dms....lb. .15½ - .17½
Cottonseed oil,[1,5] dist., dms..lb. .12 - .14½
tanks .....lb. .11¼ - .14½
Cresylic,[6,9] (coaltar), high-boil 50% (210°-215°), low boil 50% (204°-206°), and special blends, dms., c.l., works, frt. equald..gal. .81 - —
l.c.l., same basis....gal. .83 - —
tanks .....gal. .75 - —
(Petroleum), light grade (200°-231°), tanks, f.o.b. Cal. ref., gal. .690 - —
medium grade (220°-240°), tanks, divd..gal. .648 - —
20 dms., f.o.b. Cal. ref., gal. .550 - —
f.o.b. Sewaren, N.J..gal. .676 - —
1-19 dms., f.o.b. Cal. ref., gal. .570 - —
f.o.b. Sewaren, N.J..gal. .696 - —
heavy grade (247°-296°), tanks, divd..gal. .536 - —
20 dms., f.o.b. Cal. ref., gal. .490 - —
f.o.b. Sewaren, N.J..gal. .616 - —
1-19 dms., f.o.b. Cal. ref., gal. .510 - —
f.o.b. Sewaren, N.J..gal. .636 - —
Diethylbarbituric (see Barbital).
F (see Acid, Monosulphonic).
Formic, dom., 90%, cbys., c.l., works..lb. .10¾ - —
l.c.l. .....lb. .11 - .11½
Fumaric, tech., bbls.....lb. .27 - .31
Gallic, NF VII, bbls.....lb. 1.27 - 1.30
fib. dms.....lb. 1.34 - —
technical, bbls.....lb. 1.10 - 1.13
Gamma, bbls.....lb. .85 - —
Gluconic, bbls., 500 lbs.....lb. .12 - —
kgs., 100 lbs.....lb. .15 - —
dmjn. .....lb. .21 - .28
H, bbls.....lb. .42 - —
Hydriodic, 43-47%, cbys.....lb. 2.42 - 2.44
5-lb. bots.....lb. 2.57 - —
57%, bots.....lb. 2.90 - —
Hydrobromic, conc., cbys....lb. .35 - —
dil., cbys.....lb. .20 - —
Hydrochloric (see Muriatic).
Hydrocyanic, cyls., works....lb. .80 - 1.00
Hydrofluoric, 30%, rubber dms., works..lb. .08 - .09
48%, rubber dms., works..lb. .12 - —
52%, rubber dms., works..lb. .12½ - —
60%, rubber dms., works..lb. .13½ - —
Hydrofluosilicic, 30-32%, bbls.lb. .08 - .09
Hydroxyacetic, 70% tech., bbls., non-return., Phila., dms.. .09¢ - —
tanks, works, basis acid content..lb. .08½ - —
Hypophosphorous, USP, djns., lb. .75 - .80
Lactic, edible, 50%, cbys., 20 or more..lb. .12½ - —
5 to 19.....lb. .12 - —
1 to 4.....lb. .13½ - —
80%, bbls., cbys., 5 or more.. lb. .24½ - —
1 to 4.....lb. .24¾ - —
plastic grade, bbls., cbys., 20 or more..lb. .14½ - —
5 to 19 cbys.....lb. .14¾ - —
1 to 4 cbys.....lb. .15¼ - —
tech., dark, 22%, bbls., c.l., works..100 lbs. 2.90 - —
l.c.l., works.....100 lbs. 3.15 - —
cbys., works.....100 lbs. 4.15 - —
44%, bbls., c.l., works..... 100 lbs. 6.30 - —
l.c.l., bbls., works..... 100 lbs. 6.55 - —
cbys., works.....100 lbs. 7.55 - —
light, 22%, bbls., c.l., works. 100 lbs. 3.90 - —
l.c.l., works.....100 lbs. 4.15 - —
cbys., works.....100 lb. 5.15 - —
44%, bbls., c.l., works..... 100 lbs. 7.30 - —
l.c.l., works.....100 lbs. 7.55 - —
cbys., works.....100 lbs. 8.55 - —
USP XI, 85%, cbys.....lb. .54 - .57
USP VIII, 75%, cbys.....lb. .52 - .55
Lauric, dist., tech., dms.....lb. .20 Nom.
Laurent's, bbls.....lb. .45 - —
Linseed oil,[5] light, dms.....lb. .21½ - .22
Malic,[6] powd., dms.....lb. .30 - —
anhydride, dms., c.l.....lb. .25 - —
l.c.l. .....lb. .26 - —
Malic, powd., kgs.....lb. .47 - —
Mandelic, dms., 1,000-lb. lots..lb. 2.05 - —
smaller lots.....lb. 2.10 - 2.30
Mixed, tanks, nitric unit.....lb. .05 - .06
sulphuric, unit.....lb. .0085- .009
Molybdic, kgs., works.....lb. .95 - 1.10
Monochloroacetic, tech., bbls.lb. .17 - —
purified, bbls.....lb. .20 - —
Monosulphonic, bbls.....lb. 1.50 - —
Muriatic, 18°, cbys., c.l., E. works..100 lbs. 1.50 - —
l.c.l., 25 and over, E. works.....100 lbs. 1.75 - —
10 to 24, works.....100 lbs. 1.85 - —
1 to 9, works.....100 lbs. 2.45 - —
tanks, works.....100 lbs. 1.05 - —
20°, cbys., c.l., E. works..... 100 lbs. 1.75 - —
tanks, E. works.....ton.22.00 - —

Acid, muriatic, 22°, cbys., c.l., E. works..100 lbs. 2.25 - —
tanks, E. works.....ton.32.00 - —
CP, dealer, cbys.....lb. .06½ - —
6-lb. bots.....lb. .17½ - —
consumers, cbys.....lb. .08 - —
6-lb. bots.....lb. .19 - —
Myristic, dist., dms.....lb. .19 - .19¼
Naphthenic,[6] 220-230 acidity, dms., c.l., works..lb. .13 - .14
l.c.l., works.....lb. .13 - .15
tanks, works.....lb. .10 - .13
235-245 acidity, dms., c.l., works..lb. .15 - —
l.c.l., works.....lb. .15 - —
tanks, c.l., works.....lb. .13 - —
Nicotinic,[6] dms., 50-kilo lots up, kilo. 7.00 - —
10-kilo lots.....kilo. 7.10 - —
2½-kilo lots.....kilo. 7.20 - —
1-kilo lots.....kilo. 7.30 - —
Nicotinic amide (see Nicotinamide).
Nitric, 36°, cbys., c.l., E. works, 100 lbs. 5.00 - —
l.c.l., 25, E. wks.100 lbs. 5.25 - —
10 to 24, works...100 lbs. 5.35- —
1 to 9, works...100 lbs. 5.95 - —
38°, cbys., c.l., E. works.... 100 lbs. 5.50 - —
Western works...100 lbs. 5.75 - —
40°, cbys., c.l., E. works.... 100 lbs. 6.00 - —
42°, cbys., c.l., E. works.... 100 lbs. 6.50 - —
CP, USP, dealers, cbys....lb. .11½ - —
7-lb. bots.....lb. .21½ - —
consumers, cbys.....lb. .13 - —
7-lb. bots.....lb. .23 - —
Oleic (see Oil, red).
Oleum (see Acid, sulphuric, fuming).
Oxalic,[1] bbls., c.l., works....lb. .11¼ - —
10,000 lbs.....lb. .11¼ - —
smaller lots.....lb. .12¼ - —
Palm oil,[5] white, dist., dms.lb. .13 - .13¼
tanks .....lb. .12¼ - —
Paraminobenzoic, cns.....lb. 1.40 - —
Paranitrobenzoic, cns.....lb. .72 - —
Paratoluidinmetasulphonic, bbls., f.o.b. works..lb. .80 - —
Phenylacetic, bots.....lb. 1.85 - 2.00
Phosphoric,[6] pure food grade, 50%, c.l., bbls., works, frt. equald..100 lbs. 4.00 - 4.25
cbys., works, frt. equald. 100 lbs. 4.35 - 4.60
l.c.l., 10 or more, works, frt. alld..100 lbs. 5.25 - 6.25
1 to 9 cbys., works, frt. alld..100 lbs. 6.25 - 7.25
tankwagon, divd. N. Y., Phila., Met. area..100 lbs. 4.60 - —
75%, c.l., bbls., works, frt. equald..100 lbs. 4.75 - 5.00
cbys., works, frt. equald... 100 los. 5.10 - 5.85
l.c.l., 10 or more, works, frt. alld..100 lbs. 7.00 - 8.00
1 to 9 cbys., works, frt. alld..100 lbs. 8.00 - 9.00
tankcars, works, frt. equald, 100 lbs. 4.00 - 4.25
tankwagon, divd. N. Y., Phila. Met. area..100 lbs. 4.75 - —
USP, 100-lb. cbys., c.l.....lb. .10¾ - —
10 cbys., to c.l.....lb. .11¼ - —
2 to 9 cbys.....lb. .12 - —
single cbys.....lb. .13 - —
70-lb. cbys.....lb. .10¼ - —
25 cbys. to c.l.....lb. .11¼ - —
5 to 24 cbys.....lb. .12 - —
1 to 4 cbys.....lb. .13 - —
10% dilut., cbys., djns....lb. .07 - .07½
Picramic, kgs.....lb. .65 - .70
Picric, bbls.....lb. .35 - —
Propionic,[1] synth., pure, 55-gal. dms., works..lb. .19½ - —
tanks, works.....lb. .15½ - —
Pyrogallic, tech., bbls.....lb. 1.45 - —
cns. .....lb. 1.63 - —
USP, cryst., dms.....lb. 2.10 - 2.15
resub., dms.....lb. 2.60 - 2.65
Pyroligneous, bbls., divd., E.gal. .80 - —
Ricinoleic, com'l, split (see Acid, castor oil, split).
tech., dms., works.....lb. .32 - .37
Salicylic,[1] tech., bbls., c.l....lb. .26 - —
100 lbs., to c.l. .....lb. .33 - —
smaller lots.....lb. .34 - .42
USP, bbls., c.l.....lb. .29 - —
100 lbs. to c.l.....lb. .35 - —
smaller lots.....lb. .36 - .44
Sebacic, tech., dms., works...lb. .55 - .57
Soybean oil,[1,5] dist., dms....lb. .16½ - .18½
tanks .....lb. .15¾ - —
Stearic,[1,5] double-press, bgs..lb. .15¾ - .16¾
tanks .....lb. .15¾ - —
single press, bgs.....lb. .15¾ - .16¾
triple press, bgs.....lb. .18¾ - .19¾
Succinic, bbls.....lb. .75 - —
Sulphanilic, CP, bots., works..lb. 1.60 - 1.63
tech., dms., works.....lb. .17 - —
Sulphuric, 60°, cbys., c.l., E. works..100 lbs. 1.26 - —
l.c.l., 25 up, works...100 lbs. 1.50 - —
10 to 24, works...100 lbs. 1.80 - —
1 to 9, works...100 lbs. 2.20 - —
tanks, E.works.....ton.13.00 - —
66°, cbys., c.l., E. works..... 100 lbs. 1.50 - —
tanks, E. works.....ton.16.50 - —
98°, tanks, works.....ton.17.50 - —
CP, USP, dealers, cbys.....lb. .06½ - —
9-lb. bots.....lb. .15½ - —
consumers, cbys.....lb. .08 - —
9-lb. bots.....lb. .17 - —
fuming, 20%, tanks, E. works. ton.19.50 - —
Tannic, tech., bbls., dms....lb. .71 - .73
USP, fluffy, bbls., 1,000 lbs..lb. 1.35 - —
smaller lots.....lb. 1.35 - 1.38
powd., bbls., 1,000 lbs.....lb. 1.12 - —
smaller lots.....lb. 1.15 - —
Tartaric, USP, cryst., gran., powd., bbls., 10,000 lbs., 1 ship't..lb. .70½ - —
smaller lots.....lb. .71 - —
kgs. .....lb. .73½ - —
Tobias, bbls.....lb. .55 - .60
Trichloroacetic, bots.....lb. 2.00 - 2.50
Tungstic,[6] CP, 100-lb. pkgs..lb. 2.94 - 3.10
pure, 100-lb. pkgs.....lb. 2.86 - —
Aconite leaves, bls.....lb. 1.40 - 1.45
Root, bls. .....lb. 1.20 - 1.25
Aconitine, amorph., bots.....oz.28.00 -28.00
15-gr. vials .....vial. 1.00 - —
cryst., bots. .....oz.42.00 -48.00
15-gr. vials .....vial. 1.60 - —
Acrylonitrile,[6] dms., frt. alld..lb. .39½ - —
5,000 lbs. or more, works..lb. .40 - —
1 ton to 4,999 lbs., works..lb. .40½ - —
1 dm. to 1 ton, works.....lb. .41 - —
tankcars, frt. alld.....lb. .39 - —
Adeps lanae,[1,6] USP, anhyd., dms., primary distributors. lb. .34 - .35½
producers .....lb. .33 - —
Adeps lanae, hyd., dms., primary distributors..lb. .33½ - .34
producers .....lb. .32 - —
Adeps lanae prices for primary distributors, f.o.b. St. Louis, 1c. higher.
Agar,[6] .....lb. 2.50 - —
San Diego, Cal.....lb. 3.00 - —
Agaric, white, bls.....lb. 3.75 - 4.00
Albumen, blood, dark (see Blood, soluble).
light, dms., Chicago.....lb. .65 - .70
egg, edible,[1] cryst., powd...lb. 1.85 - 1.97
granular .....lb. 1.80 - 1.92
tech., cryst., bbls.....lb. 1.65 - 1.76
Alcohol, Amyl (see also Fusel oil), refd.), ex pentane, dms., c.l., frt. alld. E. of Miss., R..lb. .141 - —
l.c.l., frt. alld.....lb. .151 - —
tanks, frt. alld.....lb. .131 - —
Benzyl, cns. .....lb. .65 - .75
dms. .....lb. .68 - —
Butyl, normal,[1,6] ferment., Ill., Ind., prod., dms., frt. alld. E..lb. .1930- —
l.c.l., frt. alld. E.....lb. .1980- —
tanks, frt. alld. E.....lb. .1830- —
other production, dms., c.l., frt. alld. E..lb. .1950- —
l.c.l., frt. alld. E....lb. .2000- —
tanks, frt. alld. E.....lb. .1850- —
synthetic, dms., c.l., frt. alld. E..lb. .11¾ - —
l.c.l., frt. alld. E....lb. .12¾ - —
tanks, frt. alld. E.....lb. .10¾ - —

---

* Normal butyl alcohol prices West, ½c. per lb. higher.

secondary,[6] dms., c.l., frt. paid E. of Miss..lb. .091 - —
l.c.l., same basis.....lb. .096 - —
tanks, same basis.....lb. .086½ - —
tertiary, denat., dms., c.l..lb. .12¾ - —
l.c.l., dms. .....lb. .13 - —
tanks .....lb. .11 - —
Cetyl, dom., CP, fiber ctns., 1,000 lbs..lb. 1.80 - —
smaller lots ..lb. 1.90 - 2.00
Cinnamic, bots. .....lb. 3.00 - —
Denatured,[1,6,8] CD14, dms., c.l., divd. E..gal. .54½ - —
19 dms., works, E.....gal. .56½ - —
1 to 18 dms., works, E..gal. .59½ - —
tanks, E., divd.....lb. .50 - —

Tankcar sales require written authorization by Alcohol Tax Unit.

SD1, 190 pf., bbls., c.l., E. works..gal. .62 - —
19 bbls., E. works..gal. .64 - —
1 to 18 bbls., E. works, gal. .67 - —
tanks, E. works.....gal. .50 - —

Anhydrous 3c. per gal. higher.

SD2B, bbls., c.l., wks., E.gal. .69 - —
19 bbls., works, E....gal. .62 - —
1 to 19 bbls., works, E., gal. .65 - —
tanks, E. works.....gal. .48 - —
CD23G (replaced by SD23H).
SD23H, works, c.l., bbls..gal. .61¼ - —
19 bbls. .....gal. .63½ - —
1 to 18 bbls. .....gal. .66½ - —
tanks, E. works.....gal. .49½ - —
SD29, denatured, with acetaldehyde, bbls., c.l., E. works, gal. .62½ - —
l.c.l., 19 or more, E. works..gal. .63 - —
1 to 18, E. works.....gal. .69 - —
tanks, E. works.....gal. .50½ - —

When any of the several SD29 denaturants is supplied by the purchaser, the prices are the same as those for SD2B, plus 1½c. per gal. denaturing charge.

Special solvent, dms., c.l., works..gal. .55½ - —
19 dms. to c.l. .....gal. .57½ - —
1 to 18 dms. .....gal. .60¼ - —
tanks, E. works.....gal. .51 - —

Tankcar sales require written authorization by Alcohol Tax Unit.

Diacetone,[6] acetone-free, dms., c.l., divd..lb. .11½ - .14½
l.c.l., divd.....lb. .11½ - .15
tanks, divd.....lb. .10¼ - .13½
tech., dms., c.l., divd.....lb. .11 - .13½
l.c.l., divd.....lb. .11¼ - .14
tanks, divd.....lb. .10 - .12½
Ethyl,[6] 190 pf., dms., c.l...gal.11.94½ -
19 dms.....gal.11.98 -
1 to 18 dms.....gal.12.01 -
tanks .....gal.11.00 -
absolute, dms., c.l.....gal.12.02 -
18 dms., c.l.....gal.12.65½ -
1 to 17 dms.....gal.12.68½ -
Ethylhexyl, dms., c.l., wks..lb. .24 -
l.c.l., same basis.....lb. .25 -
tanks, same basis.....lb. .23 -
Furfuryl, tech., cns., works..lb. .35 -
dms., c.l., works.....lb. .22½ -
l.c.l., works.....lb. .25 - .26
tanks, works.....lb. .20 -
Isoamyl (see Carbinol isobutyl).
Isobutyl,[6] refd., dms., works.lb. .0680-
tanks, works.....lb. .0760-
Isopropyl,[2,6] refd., 91%, dms., 5 gals., divd. gal. .66½ -
55 gals., c.l., divd.....gal. .63 -
l.c.l., divd. .....gal. .63½ -
tanks, frt. alld.....gal. .54 -
99%, dms., 5 gals., divd.gal. .65 -
55 gals., c.l., divd.....gal. .44 -
l.c.l., divd. .....gal. .47 -
tanks, frt. alld.....gal. .37½ -
Methyl (see Methanol).
Octyl (see Alcohol, ethylhexyl).
Phenylethyl, bots., cns.....lb. 2.10 - 2.50
Polyvinyl, type A, fiber-pack, Niagara Falls..lb. .65 - .70
type B, fiber-pack, same basis, lb. .60 - .62
Propyl, normal, dms., works..gal. .67 - .70

Wartime Status of Materials

Applications of WPB and OPA regulations to materials listed in this section are indicated by superior figures as follows:—

1—Specific price ceiling
2—Price agreement (sellers with OPA)
3—General Limitation Order (L order)
4—General Preference Order (M order)
5—Conservation Order (M order)
6—Allocation

Alcohol, tetrahydrofurfuryl, dms., c.l., Waverly, N. Y .lb. .40 - —
smaller lots, same basis..lb. .44 - .50
cns., Cedar Rapids, Ia...lb. .55 - —
Aldehol, denat. grade, dms., tanks, works..gal. .70 - .72
Aldol, dms., works.....lb. .13 - .15
denat., grd., dms.....gal. 1.20 - —
Aletris root, bgs.....lb. 1.35 - 2.00
Algin, bbls., fib. dms.....lb. .79 - 1.50
Alizarin (see Red, alizarin).
Alkanet root, bgs.....lb. No stocks
Allspice,[1] Mexican, bgs.....lb. .20½- .21
Aloe, Cape, cs.....lb. .30 - .33
Curacao, kgs.....lb. .70 - .75
Socotrine, kgs.....lb. .55 - .60
Aloin, bbls., fib. dms., kgs.....lb. 5.45 - 5.54
Alphanaphthol, bbls.....lb. .52 - —
Alphanaphthylamine, bbls.....lb. .32 - —
Alphapicoline, ret. dms., works, frt. equald..lb. .23½- .28½
Alphapinene, dms., c.l., wks..gal. .33 - —
l.c.l., works.....gal. .35 - —
tanks, works.....gal. .30 - —
Alphaterpineol, dms., c.l., works..lb. .1340- —
l.c.l. .....lb. .1390- —
tanks .....lb. .1200- —
Alphatocopherol, amp.....gram. 1.00 - 1.10
Althea root, bls.....lb. .60 - .65
Alum, ammonia,[6] burnt, USP, bbls., kgs..lb. .16 - .18
gran., bbls., works...100 lbs. 4.00 - —
dlvd., N. Y., Phil..100 lbs. 4.00 - —
lump, bbls., works...100 lbs. 4.25 - —
dlvd. N. Y., Phil..100 lbs. 4.25 - —
powd., bbls., works...100 lbs. 4.40 - —
dlvd. N. Y., Phil..100 lbs. 4.40 - —
potash, gran., bbls., works.100 lbs. 4.25 - —
dlvd., N. Y., Phila..100 lbs. 4.25 - —
lump, bbls., works...100 lbs. 4.50 - —
dlvd., N. Y., Phila..100 lbs. 4.50 - —
powd., bbls., works...100 lbs. 4.65 - —
dlvd., N. Y., Phila..100 lbs. 4.65 - —
Potash, chrome, bbls.....lb. .12½- .15
Soda, bbls., c.l., works..100 lbs. 3.25 - —
l.c.l., dlvd.....100 lbs. 4.25 - 5.00
Alumina acetate, basic solut., 24%, bbls., dlvd..lb. .10½- .11
solut., 20%, bbls., dlvd...lb. .09½- .10
Chloride, anhyd.,[6] com'l, dms., c.l., works..lb. .08 - —
l.c.l., works.....lb. .09 - .12
cryst., com'l, dms., c.l., works lb. .06 - —
l.c.l., works.....lb. .05½- .06¾
solut., 32 deg., cbys., c.l., works..lb. .02¾- —
l.c.l., works.....lb. .03¼- —
Fluoride, bbls.....lb. .35 - .40
Hydrate,[6] heavy, bgs., c.l., works..lb. .0310- —
bbls., c.l., works.....lb. .0340- —
l.c.l., works.....lb. .04 - —
light, bgs., dlvd.....lb. .14½- —
bbls., dlvd.....lb. .15 - —
Hydroxide gel, USP purity, conc., 9-9½% Al_2O_3, fib. dms., works..lb. .17¾- —
contract, works...lb. .16¾- —
14-15% Al_2O_3, fib. dms..lb. .20¾- —
contract, works.....lb. .19¼- —
dried, USP XII, fib. dms., works..lb. .78 - —
contract, works.....lb. .75 - —
powd., USP IX, bbls., dms.lb. .15 - .19
Laurate, prec., bbls.....lb. .25 - .28
Naphthenates, 1.7%, 50-gal. dms., works..lb. .13¾- —
Oleate, dms., contract.....lb. .24½- —
Resinate, precip., dms.....lb. .15½- —
Stearate, precip., bbls., c.l...lb. .23 - —
l.c.l. .....lb. .24 - —
Sulphate, com'l, bgs., c.l., works, frt. equald..100 lbs. 1.15 - 1.25
l.c.l., works, frt. equald. 100 lbs. 1.40 - 1.50
bbls., c.l., works, frt. equald. 100 lbs. 1.35 - 1.45
l.c.l., works, frt. equald. 100 lbs. 1.60 - 1.70
iron-free, bgs., c.l., works..lbs. 2.35 - —
l.c.l., works.....100 lbs. 2.50 - —
Aluminum, 98-99%, [2,3,4] c.l....lb. .15 - —
l.c.l. .....lb. .16 - —
paste,[6] lining, extra fine, 200-lb. dm..lb. .56 - .60
grade B, 250-lb. dm.....lb. .54 - —
ink, 150-lb. dm.....lb. .71 - —
standard (No. 30), 200-lb. dm., lb. .33 - —
grade B (L-30), 250-lb. dm., lb. .36 - —
powder,[6] lining, extra fine, 150-lb. dm..lb. .93 - —
litho, 150-lb. dm.....lb. .57 - —
standard (30XD), 200-lb. dm., lb. .59 - —
grade B (L-30XD), 275-lb. dm..lb. .57 - —
rubber comp., 200-lb. dm..lb. .40 - —
unpolished, stand., 250-lb. dm., lb. .36 - —
varnish, stand., 300-lb. dm.lb. .40 - —

Aluminum powder and paste prices are f.o.b. shipping point. Add 1c. per lb. for 100-lb. dm., 1½c. for 50-lb. dm., 3c. per lb. for 10-lb. can, and 5c. to 12c. per lb. for smaller containers. Deduct 1c. per lb. for single shipments of 400 to 1,499 lbs., 2c. for 1,500 to 4,999 lbs., 3c. for 5,000 to 29,000 lbs., and 4c. for 30,000 lbs. or more. Where destination is within the continental U. S., a deduction equivalent to the lowest available common carrier transportation rate will be made from sellers' invoice on orders of 200 lbs. or over.

Ambergris, gray, tins.....oz.17.00 -18.00
Aminomethylpropanol, cns., dms., works..lb. .50 - .60
Aminopyrine, dms.....lb. 4.00 - —
bots. .....lb. 4.25 - —
Ammonia,[6] anhydrous, fertilizer, tankcars, works, frt. equald., ton.59.00 - —
refrigeration, tanks, wks..ton.69.00 - —
pure, cyls.....lb. .16 - —
Aqua, 26°, cbys.....lb. .05¼- —
dms., c.l.....lb. .02¼- —
l.c.l. .....lb. .02¾- —
tanks, works (NH_3 content). ton.65.00 - —
Benzoate, refined, dms., kgs., 4,000 lbs. up, frt. alld..lb. .43 - —
smaller lots, frt. alld...lb. .44 - .47
Bicarbonate, dms.....lb. .0539- .0614
Bichromate,[6] bbls.....lb. .23 - .25
Bifluoride, bbls.....lb. .15 - .17
Borate, gran., bbls., kgs.....lb. .1080- —
powd., bbls., kgs.....lb. .1130- —
Bromide, NF, bbls.....lb. .31 - .35
dms. .....lb. .32 - .36
Carbonate, lump, dms.....lb. .08¼- .09¼
cns. .....lb. .14¼- .17¼
powdered, 1c. per lb. higher.
Chloride, tech. (see Ammoniac, sal).
USP, gran., bbls., dms., kgs., lb. .13 - .15
Citrate, dibasic, bbls.....lb. .75 - —
dms. .....lb. .80 - .85
Fluoride, bbls.....lb. .18 - .20
Hydroxide (see Ammonia, aqua).
Hypophosphite, NF, dms...lb. 1.25 - 1.27
jars .....lb. 1.30 - 1.35
Iodide, NF, bots.....lb. 3.71 - —
jars .....lb. 3.65 - —
Linoleate, 80%, anhyd., bbls.lb. .12 - —
Molybdate,[6] c.p., cryst., kgs.lb. 1.26 - 1.28
fine cryst., bbls., kgs...lb. .84 - .87
purified, dms.....lb. 1.10 - 1.12
Ammonia nitrate,[1,6] Canadian, fertilizer grade, 32.5 nitrogen, bgs., producing point. ton.47.50 - —
ordnance, bgs., same basis. ton.50.00 - —
tech., bgs., works....100 lbs. 4.35 - 8.50
bbls., works.....100 lbs. 4.55 - —
Oleate, dms.....lb. .14 - —
Oxalate, purif., gran., bbls., kgs..lb. .27 - .33
Perchlorate, kgs.....lb. .55 - .65
Persulphate, kgs.....lb. .25½- .28½
Phosphate, dibasic, NF V, bbls., kgs..lb. .31 - .39
tech., bbls., c.l.....lb. .07¼- —
l.c.l. .....lb. .08 - 08½
monobasic, pure, bbls.....lb. .40 - .45
tech., bbls., c.l.....lb. .07¼- —
l.c.l. .....lb. .08 - .08½
Salicylate, NF, dms., kgs...lb. 1.15 - 1.18
Silicofluoride, bbls.....lb. .15 - .18
Stearate, anhydrous, dms....lb. .34 - —
paste, dms.....lb. .18½- —
Sulphamate, bbls., works....lb. 18 - .24
Sulphate,[1,6] dms., bulk, inland producing ovens..ton.28.20 - —
Atlantic coast ports..ton.29.20 - —
Sulphide, liquid, 40-45%, basis 100%, dms., c.l., works..lb. .07½- —
l.c.l., dlvd.....lb. .15 - —
tanks, dlvd.....lb. .07½- —
red, 48%, cbys., works.....lb. .08 - —
dms., works.....100 lbs. .06 - —
yellow, 33%, cbys., works..lb. .08 - —
dms., works.....lb. .06 - —
Sulphocyanide, CP, dms.....lb. .45 - .97½
tech., bbls.....lb. .17 - —
Ammoniac gum (see Gum, ammoniac).
Sal, gray, bbls., c.l., works... ton.49.50 - —
l.c.l., same basis..100 lbs. 6.00 - 6.70
white, gran., bbls., c.l., works 100 lbs. 4.45 - —
l.c.l., same basis..100 lbs. 5.15 - —
Amyl acetate, ex fusel oil, tech., dms., c.l., dlvd..lb. .13 - .18
l.c.l., dlvd.....lb. .12½- .17½
tanks, dlvd.....lb. .11½- .14
ex-pentane, dms., c.l., frt. alld. E. of Miss. R..lb. .15½- —
l.c.l., same basis.....lb. .16½- —
tanks, same basis.....lb. .14½- —
Alcohol (see Alcohol, amyl).
Butyrate, dms .....lb. .75 - .90
Caproate, dms.....lb. 2.75 - —
Chloride, mixed, tech., dms., c.l., works..lb. .07 - —
l.c.l., works.....lb. .08 - —
tanks, works.....lb. .06 - —
Ether, dms., c.l., works.....lb. .09½- —
l.c.l., works.....lb. .102 - —
tanks, works.....lb. .08½- —
Nitrite, USP, bots.....lb. 1.72 - 1.80
Mercaptan, dms., works.....lb. 1.10 - —
Oleoate, dms., works.....lb. .31 - —
Salicylate, bots.....lb. .85 - 1.25
Stearate, dms., works.....lb. .42 - —
Amylene, dms., c.l., works....lb. .10½- —
l.c.l., works.....lb. .11 - —
tanks, works.....lb. .09 - —
Amylnaphthalenes, mixed, crude, dms., works..lb. .14 - —
refd., dms., works.....lb. .16 - —
Anethol, com'l, dms., works...lb. .657 - .662
NF, bots.....lb. 2.10 - 2.35
cans .....lb. 1.90 - 2.25
Angelica root, dom., bls.....lb. .55 - .60
Angostura bark, bls.....lb. .20 - .21
Anilin oil,[6] dms., c.l., works, frt. alld..lb. .11½- —
l.c.l., works, frt. alld....lb. .12½- —
tanks, works, frt alld.....lb. .10½- —
Salt, dms., works.....lb. .22 - .24
Anise,[1] Cyprus, bgs.....lb. .23 - .24
Mexican, recleaned, bgs.....lb. .25 - .26
Syrian, bgs.....lb. .27 - .27½
Turkish, bgs.....lb. .28 - .29
Anisic aldehyde, bots.....lb. 2.90 - 3.00
Annatto,[6] paste, bxs.....lb. .34 - .39
Seed, bgs.....lb. .08¼- —
Anthracene, 80-85%, bbls., works, lb. .55 - —
90%, bbls., works.....lb. .65 - —
Anthraquinone, 99.5%, bbls....lb. .70 - —
Antimony butter (see Antimony chloride).
Chloride, solut., cbys.....lb. .17 - —
Metal,[1,6] bulk, c.l., works...lb. .14½- .17½
Needle,[1] Bolivian, brown, 67%, cs..lb. .18½- —
Chinese, black, 70%, cs....lb. .20 - .22
Oxide,[1,6] bgs., c.l.....lb. .15 - —
l.c.l. .....lb. .15½- —
Salt,[1] 65%, bbls., dlvd. E. of Miss. River..lb. .40 - —
Sulphide,[1] 65-70%, bbls., c.l., works..lb. .17 - —
l.c.l., works.....lb. .17½- —
Antipyrine, bbls., kgs., ton....lb. 2.00 - —
smaller lots.....lb. 2.10 - 2.20
Apomorphine, bots.....oz.23.20 -23.70
Apple syrup,[1] bbls.....lb. .16 - .16½
Archil extract, bbls.....lb. No stocks
Areca nuts, powd., bbls.....lb. .25 - .26
Arecoline hydrobromide, dms..lb. 12.25 - —
Argolis, min. 70%, bgs., Argentine port, 100 kilos, 100% purity. 60.00 - —
Spanish port, 100 kilos, 100% purity..52.00 - —
Arnica flowers, bls.....lb. 3.25 Nom.
Root, bls.....lb. 1.00 - 1.25
Arrowroot, powd., bgs., bbls..lb. .10 - .10½
Arsenic,[6] metal, lump, c.l.....lb. No prices
Chloride (arsenous), bots....lb. 1.55 - —
Iodide (arsenous), 5-lb. bots.lb. 5.58 - —
jars .....lb. 5.43 - —
Sulphide, yellow, bbls.....lb. .32 - .35
bots. .....lb. .60 - .64
Trioxide (see Acid, arsenous).
White, powd., kgs., c.l.....lb. .04¾- —
Asafetida, cs.....lb. .45 - .68
powd., bbls., dms.....lb. .35 - .82
Asbestine (see Talc, N. Y. fibrous).
Asbestos fiber, 5D and 5K, bgs., c.l. (20 tons), Canad. mines. ton.49.50 - —
5R, bgs., same basis.....ton.44.60 - —
6D, bgs., same basis.....ton.33.00 - —
7D, bgs., same basis.....ton.28.50 - —
7F, bgs., same basis.....ton.26.50 - —
7H, bgs., same basis.....ton.22.50 - —
7K, bgs., same basis.....ton.19.00 - —
7M, bgs., same basis.....ton.16.50 - —
7R, bgs., same basis.....ton.15.50 - —
Asphaltum, Manjak No. 10, crude, dms., works..lb. .05¼- .12
process form, bgs., wks.lb. .05¾- .13
jet, bgs., 2,000 lbs., gross weight Colo. mines..ton.30.50 - —
Barbados, Dunellen, N. J....lb. .10½- —
California, dms., c.l.....ton.36.40 - —
l.c.l. .....ton.41.40 - —
Cuban A, bulk, c.l., N. Y..ton.60.00 - —
l.c.l., same basis.....ton.90.00 - —
B, bulk, c.l., N. Y.....ton.38.50 - —
l.c.l., same basis.....ton.55.00 - —
Egyptian, substitute, bgs., l.c.l., refinery, N. J. or Ill..lb. .08 - —
Gilsonite, brilliant black, selects, 340 F. fusing point, bgs., mines..ton.32.90 - —
seconds, 370-390 F. fusing point, not uniform, same basis..ton.25.50 - —
selects, 290-295 F. fusing point, same basis..ton.30.50 - —
270 F. fusing point, same basis..ton.30.50 - —
seconds, 300-330 F. fusing point, not uniform, same basis..ton.25.50 - —
jet, bgs., 2,000 lbs. gross weight, Colo. mines..ton.30.50 - —
Asphaltum, Mexican, refd., dms., Texas refinery..ton.21.00 - —
l.c.l., refinery.....ton.21.00 -23.00
tanks, refinery.....ton.16.00 - —
Atropine, bots.....oz.15.00 - —
Sulphate, bots.....oz. 8.10 - —

B

Balm of Gilead buds, bgs.....lb. 1.10 - 1.15
Barbasco root,[2,6] (see Cube root).
Barberry, root bark, bgs.....lb. .78 - .80
Barbital, dms.....lb. 3.50 - 3.60
sodium, dms.....lb. 3.75 - —
Barium carbonate, natural, 99% thru 200 mesh, bgs., c.l., works..ton.43.00 - —
precip., bgs., c.l., works..ton.55.00 - —
ton.55.00 - —
l.c.l., works.....ton.60.00 - —
bbls., c.l., works.....ton.60.00 - —
l.c.l., works.....ton.65.00 - —
sulphur-free, paper bgs., works. ton.60.00 - —
l.c.l., works.....ton.65.00 - —
Chlorate,[6] kgs.....lb. .36 - —
Chloride, CP, cryst., bbls....lb. .25 - .27
pure, bbls., kgs.....lb. .10 - .12
tech., cryst., zone 1, bgs., c.l., dlvd..ton.77.00 - —
l.c.l., dlvd.....ton.90.00 - —
Zone 2, bgs., c.l., dlvd.ton. 81.00 - —
l.c.l., dlvd.....ton.94.00 - —
Zone 3, bgs., c.l., dlvd.. ton.87.00 - —
l.c.l., dlvd.....ton.100.00 - —
Zone 4, bgs., c.l., dlvd.. ton.100.00 - —
l.c.l., dlvd.....ton.113.00 - —

Barium chloride, tech., in bbls., $2 per ton higher. Sales zones are:—1, Ill., Ind., Ky., Mich., Md., Ohio, New England States, N. J., N. Y., Pa., Va., Wis., and principal cities of W. bank Miss. R., N. of Miss., No. of Ark. line; 2, Ala., Fla., Ga., Miss., N. C., S. C., Tenn.; 3, Ariz., Colo., Idaho, Ia., Minn., Mo., N. Mex., Utah; 4, Calif., Nev., Ore., Wash.

Dioxide, dms., c.l., works....lb. .10 - —
l.c.l., works.....lb. .12 - .13
Fluoride, bbls.....lb. .18 Nom.
Hydrate (see Hydroxide).
Hydroxide, bbls., works.....lb. .06 - .07
Iodide, bots.....lb. 4.62 - 4.82
Monoxide (see Oxide).
Nitrate, cks.....lb. .11 - .12
Oxide, dms., c.l., works.....lb. .08 - —
l.c.l., same basis.....lb. .10 - .12
grd., dms., l.c.l., works...lb. .11 - .15
Peroxide (see Dioxide).
Silicofluoride, bbls.....lb. .17 - .19
Stearate, ctns., 1 ton up....lb. .31 - —
smaller lots.....lb. .32 - —
Sulphate, tech. (see Barytes, and Blanc fixe).
X-ray, bbls.....lb. .09¼- .10
kgs. .....lb. .12 - —
Barytes, floated, bbls., c.l., St. Louis..ton.27.65 - —
l.c.l., same basis.....ton.28.65 - —
ex whse., N. Y.....ton.36.00 - —
paper bags, c.l., St. Louis.... ton.25.35 - —
l.c.l., same basis.....ton.26.35 - —
ex whse., N. Y.....ton.34.00 - —
Southern, off-color, bgs., mines, ton.17.50 - —
95.75%, bgs., mines.....ton.18.00 - —
Ore, bulk, mines.....ton. 8.00 - —
Bauxite,[6] bulk, mines.....ton. 7.00 -10.00
Bay leaves (see Laurel leaves).
Bayberry bark, bgs.....lb. .12 - .13
Belladonna leaves, bls.....lb. 1.00 - 1.05
Root, bls.....lb. .90 - 1.00
Bentonite, 200 mesh, bgs., works. ton.11.00 - —
325 mesh, bgs., works.....ton.16.00 - —
Benzaldehyde, N.F., dms.....lb. .85 - .95
tech., cbys., dms.....lb. .45 - .55
Benzene (see Benzol).
Benzidin base, bbls.....lb. .70 - —
Benzocaine, cns.....lb. 3.29 - 3.35
Benzol,[6] (benzene), pure, nitration and 90%, dms., works, gal. .20 - —
tankcars, E. of Omaha, frt. alld. up to 2c. per gal..gal. .15 - —
W. Coast, f.o.b. Minnequa, Colo. .gal. .15 - —
Benzophenone, dms.....lb. 1.15 - 1.20
Benzoyl chloride, cbys.....lb. .22 - .24
Peroxide, pure, gran., fib. ctns., works..lb. 1.95 - —
Benzyl acetate, f.f.c., cns.....lb. .59 Nom.
dms. .....lb. .53 Nom.
Alcohol (see Alcohol, benzyl).
Benzoate, a.m.a., f.f.c., dms.lb. 1.00 - 1.10
Chloride, cbys., frt. equald..lb. .22 - .24
Cinnamate, cns.....lb. 5.15 - 5.50
Formate, cns.....lb. 3.00 - 3.50
Isoeugenol, bots.....lb. 9.50 - —
Propionate, bots.....lb. 2.55 - 3.00
Salicylate, bots.....lb. 1.90 - 2.15
Benzylidinacetone, bots.....lb. 2.00 - 2.50
Berberine bisulphate, cns.....lb. No stocks
Hydrochloride, bots.....oz. No stocks
Sulphate, cns.....lb. No stocks
Berberis root, bls.....lb. .18 - .20
Betanaphthol, resublimed, dms., works..lb. .55 - .60
tech., bbls., c.l., works....lb. .23 - —
l.c.l., works.....lb. .24 - —
Benzoate, fib. dms., works...lb. 1.75 - —
Salicylate, dms.....lb. 5.00 - —
Betanaphthylamine, tech., works, lb. .51 - —
Betapicoline, 90%, ret. dms., c.l., wks..lb. 1.60 - —
l.c.l., same basis.....lb. 1.85 - —
95%, same basis.....lb. 2.05 - 2.35
98-99%, same basis.....lb. 2.50 - —
Beth root, bls.....lb. .42 - .45
Bismuth[6] chloride, bots.....lb. 3.00 - —
jars .....lb. 2.85 - —
Citrate, USP VIII, bots....lb. 2.81 - 2.86
jars .....lb. 2.75 - —
Hydroxide, bots.....lb. 3.41 - 3.46
cns. .....lb. 3.35 - —
Metal, ton lots.....lb. 1.25 - —
Nitrate, cryst., bots.....lb. 1.41 - 1.46
cns. .....lb. 1.30 - —
Oxychloride, bots.....lb. 3.14 - 3.19
cns., kgs.....lb. 3.10 - —
Subbenzoate, bots.....lb. 3.51 - —
fib. dms.....lb. 3.40 - —
Subcarbonate, USP, bbls., dms., bots., cns.....lb. 1.50 - 1.53
X-ray, 5-lb. bots.....lb. 1.59 - 1.63
fib. dms.....lb. 2.79 - —
Subgallate, NF, bots., cns...lb. 1.49 - 1.53
fib. dms.....lb. 1.40 - 1.43
Subiodide, bots.....lb. 4.19 - 4.25
fib. dms.....lb. 4.13 - —
Subnitrate, USP, powd., bbls., dms..lb. 1.20 - 1.23
bots. .....lb. 1.29 - 1.33
Subsalicylate, USP, 62 - 66%, bbls., fib. dms..lb. 2.50 - —
bots., cns.....lb. 2.51 - 2.59
Sulphurcarbolate, bots.....lb. 3.71 - 3.76
fib. dms.....lb. 3.65 - —
Trioxide, powd., bots.....lb. 3.71 - 3.76
cns. .....lb. 3.65 - —
Bismuth-ammonia citrate, USP, powd., dms..lb. 3.40 - —
cns. .....lb. 3.45 - 3.50
Bisphenol-A, bgs., c.l., works..lb. .22 - —
l.c.l., works.....lb. .23 - —
Black, acetylene,[2] bgs., c.l., works..lb. .14 - —
Bone, 1A, bgs., bbls., c.l., frt. alld East..lb. .17 - —
2, bgs., bbls., c.l., same basis, lb. .12 - —
Black, bone, 3, bgs., bbls., c.l., same basis..lb. .11 - —
4, bgs., bbls., c.l., same basis, lb. .08¼- —
400A, bgs., bbls., c.l., same basis..lb. .08½- —
457, bgs., bbls., c.l., same basis..lb. .11¼- —
Bone black l.c.l. prices are ½c. higher than c.l. Pacific coast prices are 1½c. higher ex dock or whse.
Carbon,[6] heads, comp., bgs., c.l., works..lb. .03550- —
bgs., ctns., l.c.l., dlvd. or whse..lb. .07½- —
regular uncompressed, bgs., c.l., works..lb. .05625- —
bgs., ctns., l.c.l., dlvd. or whse..lb. .08 - —
Charcoal (see C).
Graphite (see G).
Iron oxide, magnetic, pure, bbls., l.c.l., works..lb. .08½- —
Lamp, 1, ctns., works.....lb. .08½- —
l.c.l., works.....lb. .09 - —
2, ctns., c.l., works.....lb. .10 - —
l.c.l., works.....lb. .11 - —
2A, ctns., c.l., works.....lb. .12 - —
l.c.l., works.....lb. .13½- —
3, ctns., c.l., works.....lb. .14½- —
l.c.l., works.....lb. .15½- —
4, ctns., c.l., works.....lb. .16½- —
l.c.l., works.....lb. .17½- —
5, ctns., c.l., works.....lb. .20 - —
l.c.l., works.....lb. .26 - —
6, ctns., c.l., works.....lb. .26¼- —
l.c.l., works.....lb. .27½- —
7, ctns., c.l., works.....lb. .37½- —
l.c.l., works.....lb. .38½- —
Mineral, vine type, bbls., l.c.l., works..lb. .04¾- —
Vine A, bbls.....lb. .04½- .06
B, bbls.....lb. .05¾- —
kegs .....lb. .06 - —
Black dyes listed under Dyes.
Black haw root bark, bls.....lb. .75 - .80
Tree bark, bls.....lb. .26 - .30
Black Indian hemp root, bls..lb. .30 - .35
Blanc fixe, dry, by-product, bgs., c.l., works..ton.60.00 - —
l.c.l., works.....ton.67.50 - —
direct process, bgs., c.l., works, ton.70.00 - —
l.c.l., works.....ton.75.00 - —
bbls., c.l., works.....ton.75.00 - —
l.c.l., works.....ton.80.00 - —
pulp, 66%%, bbls., c.l., works, ton.40.00 - —
l.c.l., same basis.....ton.46.50 - —
Bleaching powder,[2,6] dms., c.l., works..100 lbs. 2.50 - 3.10
l.c.l., works.....100 lbs. 2.75 - 3.60
Blood,[1] dried, 16-16½% ammon., bgs..unit-ton. 5.53 - —
high-grade, unground, 16-17% ammon., bulk, Chicago.... unit-ton. 5.53 - —
soluble, bgs., c.l., Chicago...lb. .13½- —
smaller lots, Chicago.....lb. .15 - .20
Bloodroot, bls.....lb. No stocks
Blue,[1] alkali, dry, bbls., dlvd. N. of Tenn. and N. C. E. of Miss. River including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis, lb. 1.75 - —
toner, bbls., same basis..lb. .85 - .90
Celestial, bbls., same basis..lb. .10 - .12
Cobalt,[6] genuine, bbls., same basis..lb. 4.90 - —
Imitation (see Blue, ultramarine).
Copper phthalocyanin, salt strength, bbls., same basis, lb. 3.50 - 3.75
80% bbls., same basis..lb. 3.30 - —
green shade, bbls., same basis..lb. 4.50 - 4.70
Iron, Chinese, bbls., same basis, lb. .36 - —
Milori, bbls., same basis..lb. .36 - —
Prussian, bbls., same basis, lb. .36 - —
soluble, bbls., same basis, lb. .36 - —
Molybdated, Victoria, same basis..lb. 3.15 - —
Peacock, fugitive, 100% color strength, same basis..lb. .52 - —
permanent, toner, green shade, tungstic..lb. 4.60 - —
molybdic .....lb. 3.50 - —
Potash, CP, bbls., same basis, lb. .42 - —
Soda, CP, bronze, bbls., same basis..lb. .36 - —
Ultramarine, dry or pulp, cobalt grades, bbls., same basis..lb. .23 - .27
Job grades, bbls., same basis, lb. .12 - .13
reg. grades, bbls., same basis, lb. .17 - .27
Victoria, toner,[1] tungstic, bbls., lb. 3.30 - —
molybdic, bbls.....lb. 3.15 - —
ink toner, bbls., same basis, lb. 1.83 - —
syn. vehicle, bbls., same basis..lb. 1.93 - —
Violet, toner, molybdic, kgs., same basis..lb. 1.25 - —
tungstic, kgs., same basis, lb. 2.10 - —

Blue dry colors, dlvd. prices ½c. higher Ala., Fla., Ga., La. (Shreveport, 1½c.); Miss., N. C., S. C., Tenn., Tex. (El Paso, 2c.); Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1.6c. higher, Pac. Coast; Denver, Pueblo, Salt Lake City, Wichita, frt. equalized with Chicago.

Blue dyes are listed under Dyes.
Blueflag root, bls.....lb. .35 - .40
Blue mass, NF, cns., tubs...lb. 1.59 - 1.76
powd., bots., cns., dms.....lb. 1.62 - 1.76
Bluestone (see Copper sulphate).
Blue vitriol (see Copper sulphate).
Bone, raw, bulk, Chicago....ton.57.50 -65.00
junk, bulk, same basis....ton.35.00 - —
meal, 4½% ammon., 50% phos., bgs., E. works..ton.37.50 - —
Chicago, works.....ton.39.50 - —
steamed, feeding grade, 1% ammon., 60% phos., bgs., E. works..ton.48.50 - —
Chicago, works.....ton.51.00 - —
fertilizer grade, 3% ammon., 50% phos., bgs., E. wks.ton.38.50 - —
Chicago, works.....ton.37.00 - —
Precipitated (see Calcium phosphate tribasic, precip.).
Phosphate, defluorinated (see under D).
Boneset leaves, bls.....lb. .15 - .17
Borage flowers, bls.....lb. .45 - .60
Borax,[2] tech., 99½%, gran., bulk, c.l., frt. alld..ton.41.50 - —
bgs., c.l., frt. alld....ton.45.00 - —
ton lots, ex whse....ton.56.00 - —
less ton lots, ex whse.ton.61.00 - —
bbls., c.l., frt. alld...ton.55.00 - —
ton lots, ex whse....ton.66.00 - —
less ton lots, ex whse.ton.71.00 - —
powd., bgs., frt. alld....ton.50.00 - —
ton lots, ex whse....ton.61.00 - —
less ton lots, ex whse.ton.66.00 - —
bbls., c.l., frt. alld....ton.60.00 - —
ton lots, ex whse....ton.71.00 - —
less ton lots, ex whse.ton.76.00 - —
USP, $15 per ton higher.
Bordeaux mixt., dms., c.l., whse., works, frt. alld..lb. .11 - —
l.c.l., same basis.....lb. .11½- —
Bornyl thiocyanoacetate (see Isobornyl thiocyanoacetate).

Spot or In-transit

CALCIUM LACTATE
About 7500 pounds of the food grade powder, packed in 100 lb. bags—available for prompt shipment.

CHLOROFORM USP
In tin lined drums of about 600 pounds net each for prompt shipment.

CHLOROFORM TECHNICAL
We have this in large drums of about 1000 pounds each.

CITRIC ACID REPLACEMENT
This is a liquid available in barrels of about 450 pounds each. It is used pound for pound to replace citric acid.

CORN STARCH
One carload powdered, food grade, packed in 100 lb. paper bags for prompt shipment.

CREAM OF TARTAR
We can offer a few tons of the USP powder.

ETHYLENE DICHLORIDE
Contains 17/18% Butyl Chloride. Available regularly; drums, carloads or tank car shipments.

ETHYL ETHER USP
Available for prompt shipment in drums.

GLUCOSE USP
44/45° Be in casks of about 660 pounds net each.

LACTIC ACID
We have the 50% edible in limited quantities.

LECITHIN
We can now supply this food grade emulsifier and antioxidant in semi-liquid form, miscible without heating.

METHYL ACETATE
Although demand is greater than supply, we may be able to book some orders for April shipment.

METHYL CELLOSOLVE RICINOLEATE
We supply this vinyl resin plasticizer —preference rating required.

ORTHODICHLOROBENZENE
An excellent solvent for oils, fats, waxes, etc. Boiling at 182° C.—contains about 15% Paradichlorobenzene.

PERMANGANATE OF POTASH
A limited quantity—available for April shipment.

PHOSPHORIC ACID
The 75% food grade in carboys of about 165 pounds is in stock, available for prompt shipment.

POLYAMINO SALT
A most interesting replacement for monosodium glutamate. Samples and quotations on request.

SODIUM BENZOATE USP
Available in 100 pounds fibre drums for prompt shipment.

STRONTIUM PEROXIDE
We can offer a substantial quantity for your inspection approval.

TARTARIC ACID
Consult with us concerning your forward requirements.

We have a surplus of about 500 carboys, 12 or 13 gallons each, complete with boxes only slightly used.

WILLIAM D. NEUBERG COMPANY

Chemicals

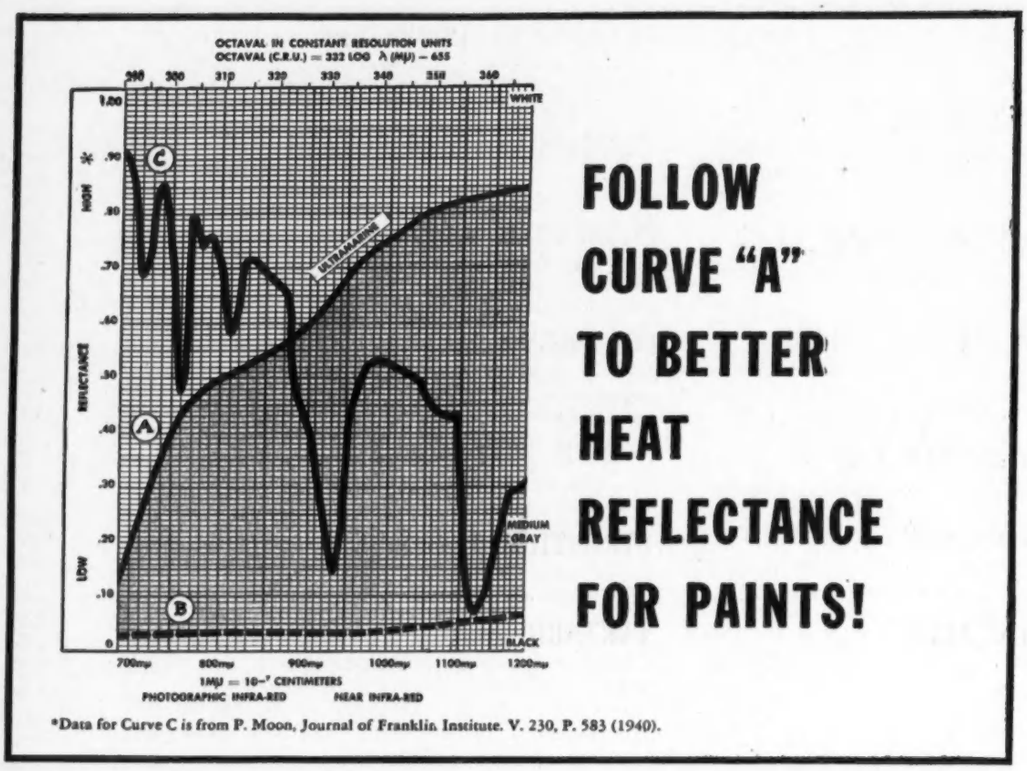
GRAYBAR BUILDING • 420 LEXINGTON AVE • NEW YORK 17, N. Y.
TELEPHONE LEXINGTON 2-3324

Brazilwood extract (see Hypernic).
Brimstone (see Sulphur).
Bromine, purif., cs., 1,000 lbs., frt. alld. E. of Rockies..lb. .25 - .30
single pkgs., same basis..lb. .30 - .35
Bromoform, USP, bots.....lb. 1.50 - —
Bromstyrol .....lb. 4.30 - 5.00
Bronze powder, aluminum (see A).
gold, litho., cns., dms., works, lb. .60 - .65
moulding, cns., dms., same basis..lb. .80 - 1.00
printing ink, cns., dms., same basis..lb. .85 - 1.20
radiator, cns., dms., same basis..lb. .45 - .50
Broomtop, bls.....lb. .13 - .15
Brown,[2] iron-oxide, pure, precip., cks., works..lb. .12 - —
metallic, bbls., c.l., works.lb. .02½- —
Sap, crystals, works.....lb. .12 - —
powdered .....lb. .13 - —
Sienna, burnt, American, bbls., works..lb. .03¾- .05
pap. bgs., c.l., same basis. lb. .0235- —
Italian type, bbls., works.lb. .03¾- .10¾
raw, American, bbls., works. lb. .04 - .10
Italian type, bbls., works.lb. .08 - .10
Umber, Amer., bbls., works.lb. .03¾- —
Italian type, bbls., works. lb. .04¾- —
Turkey type, bbls., l.c.l., f.o.b. Boston, Bethlehem, Easton, Pa.; N. Y....lb. .04¾- —
f.o.b. St. Louis, Chicago, Indianapolis, New Orleans.lb. .05¼- —
Kansas City.....lb. .03¾- —
Minneapolis .....lb. .0533- —
Pittsburgh .....lb. .05 - —
Brown, umber, Turkey-type, f.o.b. ex car, Los Angeles.....lb. .05¾- —
Portland, San Francisco, Seattle..lb. .05½- —
ex whse., Los Angeles....lb. .05¾- —
Portland, San Francisco, Seattle..lb. .05¾- —
Vandyke, reg., bbls., works..lb. .09 - —
special, bbls., same basis..lb. .12 - —
Brucine, 100 oz. cns.....oz. .35 - —
Sulphate, 100-oz. cns.....oz. .30 - —
Byronia root, bls.....lb. .65 - .75
Buchu leaves, bls.....lb. .80 - .85
Buckthorn bark, bls.....lb. .78 - .80
Berries, bgs.....lb. .70 - .75
Burdock root, bls.....lb. .30 - .32
Burgundy pitch, dms.....lb. .06 - —
Butane,[1] indust., tanks, Group 3. gal. .03½- —
Butternut bark, bls.....lb. .15 - .17
Butyl acetate, normal,[1,6] ferment, Ill., Ind., prod., dms., c.l., frt. alld. E. of Miss. R..lb. .1960- —
l.c.l., frt. same basis. lb. .1910- —
tanks, same basis.....lb. .1760- —
other production, dms., c.l., same basis..lb. .1900- —
l.c.l., same basis....lb. .1950- —
tanks, same basis....lb. .1800- —
synthetic, dms., c.l., same basis..lb. .11¾- —
l.c.l., same basis.....lb. .12¼- —
tanks, same basis.....lb. .10¾- —
Normal butyl acetate, W. of Miss. R., ¼c. per lb. higher.
secondary,[1,6] dms., c.l., dlvd. E. of Miss. R..lb. .09½- —
l.c.l., same basis.....lb. .10 - —
tanks, same basis.....lb. .08½- —
Alcohol (see Alcohol, butyl).
Aldehyde, dms., c.l., works..lb. .15½- —
l.c.l., works.....lb. .16½- —
tanks, works.....lb. .14½- —
Butyl, carbinol, secondary, l.c.l., dms., works..lb. .09 - —
Chloride, normal, dms., c.l., works..lb. .32 - —
l.c.l., works.....lb. .35 - —
Ether (see Ether, butyl).
Lactate, dms.....lb. .20½- —
Laurate, dms., works.....lb. .42 - —
Myristate, dms., works.....lb. .41 - —
Oleate, ref'd, dms., works..lb. .35 - —
tech., dms., works.....lb. .29 - —
Phenylacetate, dms.....lb. 2.00 - 2.25
Phthalate (see Dibutyl Phthalate).
Propionate, dms., dlvd.....lb. .16½- .17
tanks .....lb. .15½- —
Stearate, dms.....lb. .31 - .31½
Butyric ether, bots.....gal. 6.50 - 6.95
cns., works.....lb. .65 - .70
dms., works.....lb. .60 - —

C

Cadmium bromide,[6] jars.....lb. 1.65 - 1.70
bots. .....lb. 1.84 - 1.91
Iodide,[6] bots.....lb. 4.23 - —
cans .....lb. 4.09 - —
Lithopone (see Yellow).
Metal,[1,4] pat. shapes, cs., dlvd. lb. .95 - —
Ingots or sticks.....lb. .90 - —
Red (see Red).
Selenide (see Red).
Sulphide (see Yellow).
Caffeine,[1] dms., makers, primary distrib., 100 lbs. or more..lb. 2.80 - 2.68
25 to 100 lbs.....lb. 2.95 - 3.10
smaller lots.....lb. 3.15 - 3.25
anhydrous, dms., 100 lbs. or more..lb. 3.00 - 3.08
25 to 100 lbs.....lb. 3.15 - 3.30
smaller lots.....lb. 3.35 - 3.45
Citrated, dms., makers, primary distrib., 100 lbs. or more..lb. 1.95 - —
smaller lots.....lb. 2.05 - 2.80
Hydrobromide, bots.....lb. 5.29 - 5.37

Calabar beans, bgs.....lb. .35 - .40
Calamus root, dom., bls.....lb. .40 - .45
Calcium acetate, bgs., dlvd.... 100 lbs. 3.00 - 4.00
Arsenate,[6] bgs., c.l., whse., works, frt. alld..lb. .07 - .08
l.c.l., same basis.....lb. .07¼- .08¼
Bromide, jars.....lb. .65 - .70
Carbide,[1,3] dms., works.....ton.50.00 -
dms., dlvd., c.l.....ton.57.00 -65.00
Carbonate (see Chalk and Whiting).
Chloride, flake, 77-80%, paper bgs., c.l., dlvd..ton.18.50 -35.00
l.c.l., 15 tons, dlvd...ton.21.50 -25.50
5-ton lots.....ton.28.50 -41.00
Liquor, basis 40%, tanks, whs. ton. 7.50 - —
purified, cryst., bbls., jars.lb. .38 - .39
solid, 73-75%, dms., c.l., dlvd. ton.18.00 -21.50
l.c.l., 15 tons, dlvd...ton.21.45 -25.45
5-ton lots.....ton.28.45 -40.95
Calcium chloride prices vary according to zone; min. prices, spot. C.l. prices for flake in burlap paper-lined bags, $2.50 per ton over paper bags; drums $3.50 per ton over paper bags.
Gluconate, USP, gran., bbls..lb. .52 - —
dms. .....lb. .57 - .58
cns. .....lb. .70 - —
Powd., 2c. per lb. lower.
Glycerophosphate, fiber dms., 1,000-lb. lots..lb. 1.28 - —
100-lb. lots.....lb. 1.40 - —
cns., 25 lbs.....lb. 1.65 - —
Hypophosphite, cns.....lb. .62 - .63
Iodide, bots., jars.....lb. 4.04 - 4.10
Lactate, USP, bbls.....lb. .35 - .37
Laurate, bbls. .....lb. .28 - .29
Mandelate, dense, fluffy, dm..lb. 2.05 - 2.30
Naphthenate, 4% Ca, 50-gal. dms..lb. .22½- —
Pantothenate, dex., 100-gram bots..per gram. .15 - —
Phosphate, feeding grade, bgs., works..ton.75.00 - —
food grade, 10 bbls., or over, works..lb. .07 - .07¾
5 to 9 bbls., works.....lb. .08 - .09
1 to 4 bbls., works.....lb. .10 - —
medicinal, bbls.....lb. .11½- .12
dms. .....lb. .12½- .18
monobasic, cryst., bgs., c.l., works, frt. equald..lb. .05¾- —
l.c.l., frt. equald.....lb. .06 - .06½
tribasic, bbls., c.l., works..lb. .0635- —
Resinate, precip., 6.3% Ca, 100-lb. dms..lb. .15½- —
Silicate, hydrated, 50-lb. paper bgs., c.l., works..lb. .05¼- —
l.c.l. works.....lb. .06 - —
Stearate, precip., bbls., c.l., works..lb. .20 - —
l.c.l., same basis.....lb. .26 - .38
Sulphate (see Gypsum).
Sulphide, 70%, bgs., c.l., works, ton.45.00 - —
80%, bgs., c.l., works....ton.50.00 - —
luminous, tins, works.....lb. 1.00 - —
Sulphocarbolate, bbls.....lb. .49 - —
Tallate, 3%-4% Ca, 50-gal. dms..lb. .13¼- .19½
Calcium-strontium-sulphide, phosphorent, dms., works, frt. alld..lb. 1.50 - 1.75
Calendula flowers, bls.....lb. 3.25 - 3.30
Calomel,[3] bbls., dms.....lb. 2.35 - 2.36
bots. .....lb. 2.48 - 2.52
Camphor, natural.....lb. No stocks
synth., tech., bbls., contract, 2,000 lbs. or more, works, lb. .42 - —
10 bbls. (1,500 lbs.).....lb. .44½- —
5 to 9 bbls.....lb. .45 - —
1 to 4 bbls.....lb. .46 - —
smaller lots.....lb. .48 - .56
USP, gran., powd., bbls., 2,000-lb. lots..lb. .69 - —
1,000-lb. lots.....lb. .70 - —
smaller lots.....lb. .71 - —
tablets, 2,000-lb. lots....lb. .82 - —
1,000-lb. lots.....lb. .83 - —
smaller lots.....lb. .84 - —
Monobromate, dms.....lb. 3.10 - 3.25
Canada balsam (see Fir balsam).
Canella alba bark, bls.....lb. .29 - .30
Cantharides, Chinese, cs.....lb. No stocks
powd., bxs.....lb. No stocks
Russian, cs.....lb. No stocks
powd., bxs.....lb. No stocks
Capsicum (see Pepper, red).
Caramel coloring, bbls.....gal. .70 - 1.10
Caraway seed,[1] Morocco, dewhiskered, bgs..lb. .66 - .67
Syrian, dewhiskered, bgs....lb. .58 - .59
natural, bgs.....lb. .47 - .48
Carbasole, 95%, dms., ton lots, works..lb. .70 - —
smaller lots, works.....lb. .80 - —
95%, dms., ton lots, works...lb. .75 - —
smaller lots, works.....lb. .85 - —
Carbinol, butyl, norm. (see Amyl alcohol, normal).
Diethyl, l.c.l., works.....lb. .60 - —
Dimethylethyl, l.c.l., works...lb. .60 - —
Isobutyl, dms., c.l., wrks....lb. .226 - —
l.c.l., works.....lb. .235 - —
tanks, works.....lb. .215 - —
Carbon bisulphide, 55-gal. dms., c.l., frt. alld. E. of Miss. R., N.of Ohio R..lb. .06 - —
l.c.l., same basis.....lb. .06¼- —
5-gal. dms., c.l., same basis.. lb. .07 - .07½
l.c.l., same basis.....lb. .08 - .08½
Dioxide, cyls.....lb. .06 - .08
Tetrachloride,[1,6] Zone 1, 52½-gal. dms., c.l., frt. alld..gal. .73 - —
l.c.l., frt. alld.....gal. .80 - —
5 or 10-gal. dms., c.l., frt. alld..gal. .97 - —
l.c.l., frt. alld.....gal. 1.07 - —
Zone 2, 52½-gal. dms., c.l., frt. alld..gal. .80 - —
l.c.l., frt. alld.....gal. .87 - —
5 or 10-gal. dms., c.l., frt. alld..gal. 1.04 - —
l.c.l., frt. alld.....gal. 1.14 - —
Zone 3, 52½-gal. dms., c.l., frt. alld..gal. .94 - —
l.c.l., frt. alld.....gal. 1.00 - —
5 or 10-gal. dms., c.l., frt. alld..gal. 1.17 - —
l.c.l., frt. alld.....gal. 1.27 - —
Zone 4, 52½-gal. dms., c.l.gal. .83 - —
l.c.l. .....gal. .90 - —
Zone 5, 52½-gal. dms., c.l. or 10-gal. dms., c.l..gal. 1.07 - —
l.c.l. .....gal. 1.17 - —
Carbon tetrachloride prices are frt. alld. with the exception of Zone 4, where prices are f.o.b. cars, L. A., Cal.; S. F., Cal.; Portland, Ore., and Seattle, Wash. Sales zones are:—1, Conn., Del., Ill., Ind., Ia., Me., Mass., Md., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., O., Pa., R. I., Tenn., Va., W. Va., Wis., and river cities of Burlington, Ia., and Kansas City, Kans.; 2, Ala., Ark., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C., S. D.; 3, Colo., N. Mex., Tex., and Montana points E. of Billings; 4, Ariz., Cal., Idaho, Nev., Ore., Utah, Wash. and Montana points W. of Billings.
Cardamom,[1] bleached, cs.....lb. 1.65 Nom.
decorticated, cs.....lb. 1.28 - 1.33
green, Alleppey, bgs.....lb. .85 - 1.00
Ceylon, cs.....lb. 1.00 - 1.05



FOLLOW CURVE "A" TO BETTER HEAT REFLECTANCE FOR PAINTS!

*Data for Curve C is from P. Moon, Journal of Franklin Institute. V. 230, P. 583 (1940).

HERE is graphic proof of the value of Calco Ultramarines for use in paint formulations in which *high* heat reflectance is an advantage. This factor is of particular importance today in paints for tanks, trucks, jeeps, gun turrets and gasoline storage tanks.

In the infra-red region, represented on this graph by the wave-lengths from 700 to 1200 millimicrons, 53% of the solar energy is found (curve C). But as you will see by following the rise of the Calco Ultramarine curve A . . . the heat reflectance of a paint can be varied without changing its visual color.

In sharp contrast to this Calco Ultramarine curve, note the absorption of another type of blue as indicated by Curve B...resulting in a much hotter paint. For example, at 1000 millimicrons the Calco Ultramarine is capable of reflecting 75% of the radiant energy . . . while the other blue reflects a mere 4%!

Here is further evidence that Calco Technical Service can help you meet specific requirements. If you have a problem, your Calco representative will be glad to put the facilities of our laboratories at your disposal. Keep in touch with him!

Calco Dyes Are Better Buys — Calco

CALCO CHEMICAL DIVISION · AMERICAN CYANAMID COMPANY
BOUND BROOK, NEW JERSEY

BOSTON PHILADELPHIA PROVIDENCE NEW YORK CHARLOTTE CHICAGO

Carotene, crystalline (alpha, 10%; beta, 90%), amps. 100 grams, dlvd..gram. 2.85 - —
50 grams, dlvd.....gram. 2.90 - —
Carvol, bots.....lb.22.50 -23.00
Cascara sagrada bark, bulk....lb. .31 - .32
Case hardening mixture, 30% gran., dms., l.c.l..lb. .09¾- —
slabs, dms., l.c.l.....lb. .08¾- —
Cassin,[1,6] domestic, acid-precip., bgs., 100 bgs. or more, shtp't point..lb. .24 - —
20 to 99 bgs., same basis..lb. .24½- —
less than 20 bgs., same basis..lb. .24¾- —
rennet-precip., bgs., 100 bgs. or more, same basis..lb. .25½- —
20 to 99 bgs., same basis.lb. .25¾- —
less than 20 bgs., same basis, lb. .26¼- —
imported, bgs., 100 lbs. or more, dlvd..lb. .11½- —
Cassia,[1] Bavaria, No. 1, thin quill, bls..lb. .60 Nom.
regular, bls.....lb. .58 Nom.
shortstick .....lb. .53 Nom.
broken .....lb. .51 Nom.
China, bls.....lb. .60 Nom.
rolls, select, bls.....lb. .53 Nom.
broken, bls.....lb. .52 Nom.
Saigon, all medium, bls.....lb. .61 Nom.
all thin, bls.....lb. .62 Nom.
Cassia fistula, bskts.....lb. .23 - .24
Castor beans, f.o.b. Brazilian ports..long ton.75.00 - —
Oil (see Oil, castor).
Pomace,[1] bgs., c.l., works... unit-ton. 2.90 - —
Castoreum, nat., cns.....lb.12.50 -13.00
synth., bots.....lb.19.00 - —
Catechol, CP, cryst., work§, fib. dms., tins..lb. 2.25 - 2.40
resublimed, frt. alld. E. of Miss., dms..lb. 3.50 - —
Catnip, bls.....lb. .30 - .35
Celery seed,[1] Indian, bgs.....lb. .22 - .22½
Celluloid scrap (see Pyroxylin scrap).
Cellulose acetate,[4,6] flake, ctns., works, frt. alld..lb. .30 - .35
granules, ctns., same basis.lb. .35 - —
Triacetate,[4,6] flake, ctns., works, frt. alld..lb. .30 - —
Cerium hydrate, dms., works..lb. .60 - —
Oxalate, USP, bbls., works..lb. .35 - —
kgs, works.....lb. .37 - —
Oxide, optical grade, kgs., 100-lb. lots, works..lb. 1.50 - —
smaller lots, bgs., same basis..lb. 2.00 - —
Chalk, precipitated, cosmetics, dentifrices, and drugs, bgs., c.l., works..lb. .02¾- —
paint and other industries, bgs., c.l., works..ton.40.00 - —
papermakers, bgs., c.l., works. ton.32.50 - —
rubbermakers, bgs., c.l., works. ton.30.00 - —
Chamomile, Hungary type, cs..lb. .55 - .65
Roman, bls.....lb. 3.25 Nom.
Charcoal, pinewood,[1,6] gran., pulv., bgs., c.l., f.o.b. producers' plants in South..ton.30.20 - —
l.c.l., same basis.....ton.41 00 - —
Willow, powd., bbls.....lb. .06 - .07
Chestnut extract,[1,6] clarif., 25% bbls., c.l., works..lb. .0283- .0376
tanks, works.....lb. .0225- .0310
powdered, 65% tannin.....lb. .065 - .0715
Chillies (see Pepper, red).
China clay, dom., dry-grd., air-float, 99.75%, 300 mesh, bgs., c.l., works..ton. 9.50 - —
l.c.l., works.....ton.16.00 - —
bulk, c.l., works...ton. 7.60 - —
200 mesh, bgs., c.l., wks. ton. 8.50 - —
l.c.l., works.....ton. 9.50 -15.50
wet grd., silkbolt, 99.9%, 325 mesh, bulk, c.l., works. ton. 9.50 - —
paper bgs., c.l., works.ton.12.50 - —
Import, white, lump, bulk, c.l., ex dock Balto., Boston, Norfolk, Phila..ton.19.00 -24.00
powd., cks., l.c.l., ex whse.. ton.41.00 - —
Chloral hydrate, jars.....lb. .93 - .99
dms.....lb. .90 - .95
Chlorinated rubber,[6] standard, ctns., 100 lbs. up, works..lb. .32 - —
smaller lots, works.....lb. .35 - —
Chlorine,[2,6,8] liquid, cyls., c.l.lb. .06¼- —
contracts .....lb. .05¼- —
l.c.l. .....lb. .07¼- —
tanks, single units, works, frt. equald..100 lbs. 1.75 - —
multiple units, 3 or over, works, frt. equald..... 100 lbs. 2.00 - —
2, works, frt. equald.100 lbs. 2.50 - —
1, works, frt. equald.100 lbs. 3.00 - —
Chloroform, tech., dms.....lb. .20 - .23
USP, dms.....lb. .30 - .33
Chlorpicrin, com'l, 180-lb. cyls., frt. alld..lb. .30 - —
100-lb. cyls., frt. alld.....lb. .32 - —
25-lb. cyls., ex whse.....lb. 1.00 - —
1-lb. bots., ex whse.....lb. 1.25 - —
Chrome acetate, powd., 24%, bbls. lb. .22 - —
solut., 8%, bbls., cs.....lb. .07¼- —
7½%, bbls., cs.....lb. .06¼- —
Cake, bulk, c.l., works.....ton.16.00 - —
Ore,[1] residue, paper bgs., c.l., works..ton.15.00 - —
Oxide (see Green, chrome).
Trioxide (see Acid, chromic).
Yellow (see Yellow, chrome).
Chrysarobin, bot.....lb. 6.08 - 6.09
Cinchona bark,[6] red, quill, USP, 10 in., cs..lb. 1.20 Nom.
broken, bgs.....lb. .19 Nom.
yellow, quill, bgs.....lb. .19 Nom.
Cinchonidine,[6] small, cryst., cns., 100 oz. .80 + .13¼*
sulphate, NF, cns., 100 ozs..oz. .89 + .13¼*

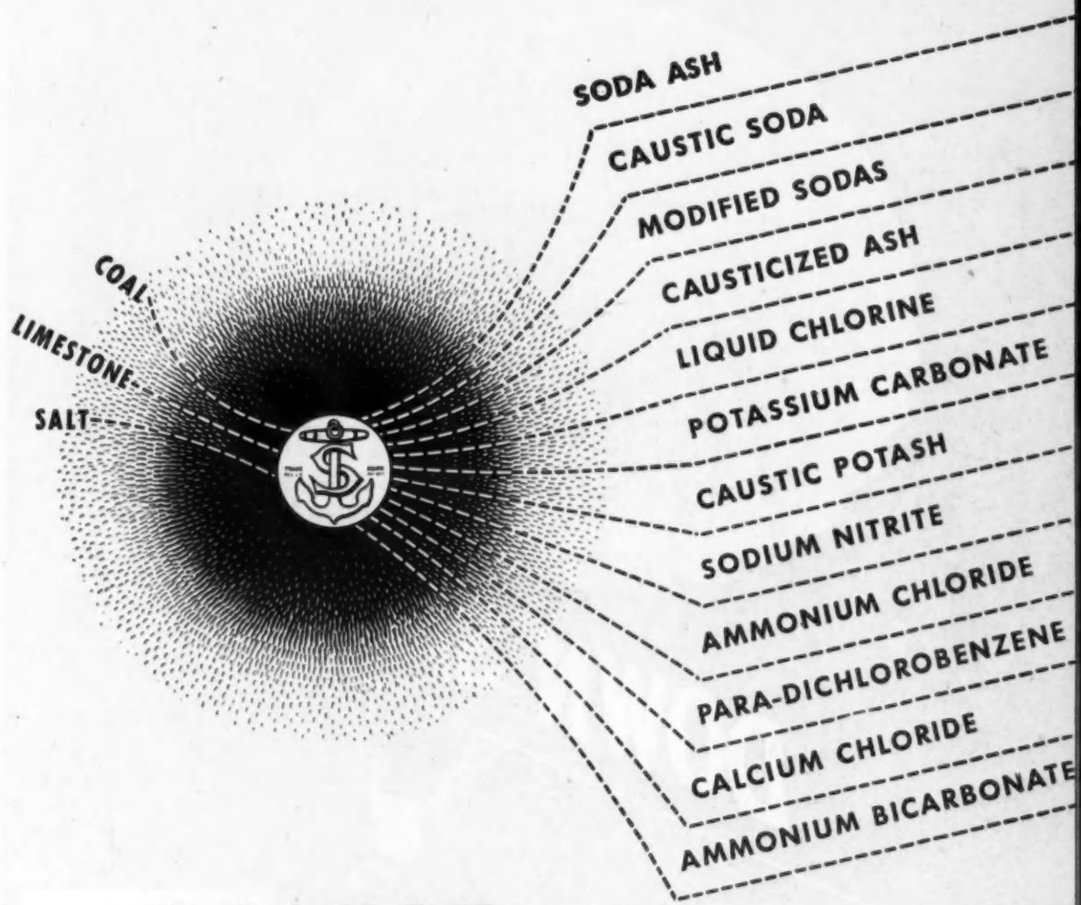
* Surcharge to cover present war-risk insurance, higher ocean freight rates and additional expenses over the cost of usual business. Changes in these controlling factors will be reflected in the surcharge invoiced.

Cinchonine,[6] small, cryst., cns., 100 ozs..oz. .62 + .13¼*
large cryst., cns., 100 ozs.oz. .66 + .13¼*
Sulphate, NF, cns., 100 ozs..oz. .42 + .13¼*

* Surcharge to cover present war-risk insurance, higher ocean freight rates and other expenses over the cost of natural business. Changes in these controlling factors will be reflected in the surcharge invoiced.

Cinchophen, USP, bots.....lb. 3.70 - 3.80
dms.....lb. 3.50 - 3.60
Heavy density cinchophen 20c. per lb. higher.
Cinnamic alcohol (see Alcohol, cinnamic).
Aldehyde, cns., dms.....lb. 2.00 - 3.00
Cinnamon,[1] Ceylon, 2, bls.....lb. .53 - .53½
No. 2, bls.....lb. .52 - .53
chips, bgs.....lb. .36 Nom.
Citral, bots., cns.....lb. 2.85 - 4.75
Citrine ointment,[2] tars.....lb. .96 - 1.18
Citronellal, bots., dms.....lb. 2.75 - 3.25
Citronellol, bots., dms.....lb. 6.00 - 7.00
Cloves,[1] Zanzibar.....lb. .17 - .17½
Clover tops, red, bgs.....lb. .47 - .50

Coaltar, coal-gas, crude, bbls. l.c.l., works..bbl. 8.75 - —
c.l., works.....bbl. 8.25 - —
tanks, works.....gal. .07½- —
refd., bbls., c.l., works...bbl. 8.75 - —
l.c.l., works.....bbl. 9.25 - —
tanks, works.....gal. .08½- —
water-gas, crude, dms., c.l., works..bbl. 8.25 - —
l.c.l., works.....dm. 8.75 - —
ref., dms., c.l., works..dm. 9.25 - —
Cobalt acetate,[6] bbls., kgs., dlvd., lb. .83¾- —
feed grade, 49.5% Co., kgs.lb. 1.25 - —
Carbonate,[6] powd., bgs., works, lb. 1.58 - —
feed grade, 23% Co., kgs...lb. 1.85 - —
Chloride, kgs., works.....lb. .87½- —
feed grade, 24.5% Co., kgs., lb. 1.25 - —
Hydrate,[6] bbls.....lb. 2.04 - —
feed grade, 62% Co., kgs..lb. 2.25 - —
Linoleate, paste, 5%, dms....lb. .32 - .35
solid, 8½%, dms.....lb. .44 - —
Naphthenate, 6% Co., 50-gal. dms..lb. .31 - —
Nitrate, feed grade, 20.4% Co., kgs..lb. 1.25 - —
Oleate, bbls.....lb. .44 Nom.
Oxide,[6] blacks, kgs.....lb. 1.84 - —
Phosphate, feed grade, 34% Co., kgs..lb. 1.75 - —
Resinate, precip., 7.5% Co., 100-lb. dms..lb. .38¼- —
Soyate, 8%-8.5% Co., 50-gal. dms..lb. .42 - .44
Sulphate,[6] dms.....lb. .65 - —
feed grade, 21% Co., kgs.lb. 1.00 - —
Cobalt salts, feed grade, quotations are f.o.b. Philadelphia, Cleveland, or New York.
Cobalt-ammonium sulphate, 14% Co., kgs..lb. .75 - —
Cocaine hydrochloride, 100 ozs. cns..oz. 9.75 - —
Cochineal, gray, bgs.....lb. .37 - .38
silver, Teneriffe, bgs.....lb .38 - .39
Cocoa butter,[1] bulk, ship't pt.lb. .25 - —
Cocillana bark, bgs.....lb. .28 - .30
Codeine, cns., 100 ozs.....oz.11.70 - —
Hydrochloride, cns., 100 ozs.oz.10.50 - —
Phosphate, cns., 100 ozs....oz. 9.00 - —
Sulphate, cns., 100 ozs.....oz. 9.50 - —
Codliver oil (see Oil, codliver).
Cohosh root, black, bls.....lb. .18 - .20
blue, bls.....lb. .18 - .20
Colchicine, bots., cns.....oz. No stocks
Colchicum seed.....lb. No stocks
Collodion, USP, dms.....lb. .19½- .20½
cns.....lb. .23 - .23½
flexible, USP, dms.....lb. .21 - .22
cns.....lb. .25 - .31
Colocynth pulp, bls.....lb. .75 - .90
Colombo root, bls.....lb. .14 - .15
Coltsfoot leaves, bgs.....lb. .90 - 1.00
Condurango bark, bgs.....lb. .12 - .16
Conium leaves, bls.....lb. 1.18 - 1.20
Copaiba balsam, Peru, cns...lb. .47 - .49
S. A., USP, cns.....lb. .50 - .52
Copper acetate,[6] cupric, bbls., dlvd..lb. .24 - —
smaller containers, dlvd.lb. .26 - .30
Carbonate,[6] 52-54%, bbls....lb. .19½- .20
Chloride,[6] anhyd., bbls.....lb. .22½- .23
crystals, bbls.....lb. .14¾- .17
Cyanide,[6] tech., bbls.....lb. .34 - .38
Iodide, bots.....lb. 5.15 - 5.19
Metal,[1,6,8] electrolytic.....lb. .12 - .12½
Naphthanates, 6%-8% cu, 50-gal. dms..lb. .15 - .17
Nitrate, tech., cryst., bbls...lb. .16¾- .20
Oleate, precip., bbls.....lb. .22½- .23½
Oxide,[6] black, bbls., works..lb. .19 - .28
red, com'l, kgs.....lb. .20 - .23
Oxychloride-sulphate, bgs....lb. .17 - .20
Resinates, precip., 8.3% Cu, 125-lb dms lb. 15½- —
Sulphate,[1,6] 99% cryst., bbls. c.l., works..100 lbs. 5.00 - —
7,200 to 36,000 lbs. 100 lbs. 5.15 - —
2,700 to 7,200 lbs....100 lbs. 5.25 - —
700 to 2,700 lbs.....100 lbs. 5.50 - —
monohydrated, dealers, dms., c.l., works..100 lbs. 8.96 -10.06
bags in drums.....100 lbs. 9.96 -10.87
Copperas, crvst., gran., bgs., c.l., works..ton.17.00 - —
bbls., c.l., works.....ton.20.00 - —
l.c.l., 25, wks.....100 lbs. 1.55 - —
1-4, works.....100 lbs. 2.00 - —
bulk, c.l., works.....ton.14.00 - —
Copra, Coast, ship't.....lb. No prices
Coriander seed,[1] Indian, bgs..lb. No stocks
Morocco, bgs.....lb. No stocks
Cornsilk, bls.....lb. .24 - .25
Corn sugar, tanners',[6] chipped, bgs., c.l., dlvd..100 lbs. 3.606 -
slabs, bbls., c.l.....100 lbs. 3.525 - —
Syrup, 42°, bbls., c.l....100 lbs. 3.681 -
43°, bbls., c.l.. .....100 lbs. 3.731 -
Corrosive sublimate,[3] cryst., dms., 50 lbs. or more..lb. 1.94 - —
gran., powd., dms., 50 lbs. or more..lb. 1.79 - —
Cottonroot bark, bls.....lb. .18 - .19
Cottonseed hull ash, 32-36% potash, bgs., dlvd..unit-ton. 1.00 -
Meal, 41% prot., mills.....ton.49.75 - —
Coumarin,[1] cns., makers, primary dist.lb., 5 lbs. or more..lb. 2.75
smaller lots.....lb. 2.90 - 3.
Cramp bark, NF, bls.....lb. .60 - .65
Cranesbill root, bls.....lb. .15 Nom
Cream of tartar, USP, gran. or powd., bbls., 5,000 lbs. one ship't..lb. .57½- —
smaller lots, bbls....,..lb. .58 - —
kgs. .....lb. .58¼- —
Creosote carbonate, bots., cbys. lb. 2.10 - 2.30
Coaltar, oil,[3] crude, tanks, works..gal. .15½- —
refd., bbls., l.c.l., works.gal. .26 - —
tanks, works.....gal. .18 - .18½
solution, tanks, works....gal. .141 - —
Wood, beech, bots.....lb. 1.04 - —
cbys., dms.....lb. .85 - —
Wardwood, USP, bots.....lb. .60 - .77
Wine, dms..... .....gal. .28 - —



SOLVAY

Alkalies and Chemical Products

Manufactured by The Solvay Process Company

for America's Leading Industries ★

SOLVAY SALES CORPORATION • 40 RECTOR STREET, NEW YORK 6, N. Y.

soi,[5] special resin grades, dms., c.l., works, frt. equald..lb. .09½- .10½
l.c.l., same basis.....lb. .10 - .11
tanks, same basis.....lb. .09¾- .09¾
sol, dms., c.l., works, freight equald..lb. .10¾- .11¼
l.c.l., same basis.....lb. .11¼- .11¾
tanks, same basis.....lb. .10 - .10¼
Acetaldehyde, 97%, 55 and 110 gals., l.c.l., works..lb. .15 - —
5 and 10-gal. dms., works..lb. .18 - —
Cryolite, nat.,[4] bgs., bbls., c.l., 100 lbs. 9.50 - —
smaller lots.....100 lbs.10.00 - —
synth.,[4] bgs., bbls., c.l., frt. alld. E. of Miss. R..lb. .08½- —
smaller lots, works.....lb. .09¾- —
Cube root,[2,5] powd., 5% rotenone, bbls..lb. .35 - —
4% rotenone prices are 4c. per lb. less.
Cubeb berries, XX, bgs.....lb. No stocks
powd., cs.....lb. No stocks
Culver's root, bls.....lb. .27 - .28
Cumin seed, Cyprus, bgs.....lb. No stocks
Indian, bgs.....lb. No stocks
Morocco, bgs.....lb. No stocks
Persian, bgs.....lb. No stocks
Cyanamide,[4,5] fertilizer mixing grade, guaranteed 21% N, pulv., bgs., Niagara Falls, Ont., contracts.....unit-ton 1.53½- - 20.6% N., gran., bulk, same basis..unit-ton 1.62½- —
Cyclohexane, 98-100%, wks...lb. .14 - .16
tech., dms., c.l., frt. alld. E..lb. .10¼- —
l.c.l., frt. alld. E.....lb. .11 - —
tanks, frt. alld. E.....lb. .09¼- —
Cyclohexane prices are 1c. per lb. higher, frt. allds., in Cal., Ore., Tex., and Wash.; 2c. higher in Ariz., Col., Ida., Kans., Mont., Neb., Nev., N. D., N. M., Okla., S. D., Utah, and Wyo.
Cyclohexanol, 98-100%, wks...lb. .21 - .23
Cyclohexanone, 98-100%, wks..lb. .30 - .33
tech., dms., c.l., frt. alld. E., lb. .30 - —
l.c.l., frt. alld. E.....lb. .32- —
tanks, frt. alld. E.....lb. .29 - —
Cyclohexanone prices are 1c. per lb. higher, frt. allds., in Cal., Ore., Tex., and Wash., 2c. higher in Ariz., Col., Ida., Kans., Mont., Neb., Nev., N. D., N. M., Okla., S. D., Utah, and Wyo.
Cyclopropane, USP, cyls., divd., gal. .27 -

D

Damiana leaves, bls.....lb. .16 - .17
Dandelion root, bls.....lb. .26 - .33
Decanol,[4] normal, tech., dms., divd..lb. .35 - —
Deertongue, bls.....lb. .23 Nom.
Defluorinated phosphate,[1] paper bgs., works..ton 34.25 -
Degras,[1,4] common, bbls.....lb. .10 - .12
neutral, bbls.....lb. .27½- .29
Derris root,[2,5] powd., 5% rotenone, bbls..lb. .35 -
4% rotenone prices are 4c. per lb. less.
Dextrin, British gum, bgs., c.t., 100 lbs. 5.20 - —
Chicago .....100 lbs. 4.93 - —
l.c.l. .....100 lbs. 5.39 - —
Chicago .....100 lbs. 5.03 - —
Corn, canary, bgs., c.l...100 lbs. 5.04 - —
Chicago .....100 lbs. 4.68 - —
l.c.l. .....100 lbs. 5.14 - —
Chicago .....100 lbs. 4.78 - —
white, bgs., c.l.....100 lbs. 4.97 - —
Chicago .....100 lbs. 4.61 - —
l.c.l. .....100 lbs. 5.07 - —
Chicago .....100 lbs. 4.71 - —
Potato, bgs., c.l.....lb. .10 - —
l.c.l. .....lb. 10¼- 11¾
Diacetone (see Alcohol, diacetone).
Diacetyl, bots.....lb. 6.00 - 7.00
Diamyl ether (see Amyl ether).
Phthalate,[4] dms., c.l., divd..lb. .2170- .2200
l.c.l., divd.....lb. .2220- .2250
tanks, divd.....lb. .2070- .2100
Sulphide, l.c.l., dms., works..lb. .25 - —
Diamylamine, dms., c.l., wks..lb. .61 - —
l.c.l., works.....lb. .64 - —
Diamylphenol, 2°, dms., c.l., works..lb. .18 - —
l.c.l. .....lb. .21 - —
Diatomaceous earth, dom., chemically pure, bgs., c.l., Atlantic Coast..lb. .07 - —
l.c.l., ex whse.....lb. .10 - .16
nat., bgs., c.l., Pacific Coast, ton.22.00 -25.00
l.c.l., ex whse..... ton.45.00 - —
purified, bgs., c.l., Atlantic Coast..ton.55.00 -59.00
l.c.l., ex whse.....ton.85.00 -90.00
imported, Algerian, bgs., c.l., ton. No prices
Mexican, white, bgs., c.l., c.i.f..lb. .02 - .03
l.c.l. .....lb. .04 - .06
Dibutyl phthalate,[4] 5-gal. cns., works..lb. .2610- —
1-gal. cns., same basis..lb. .2810- —
dms., c.l., same basis....lb. .2050- .2450
l.c.l., same basis.....lb. .2100- .2500
tanks, same basis.....lb. .1950- .2350
Sebacate, dms., works.....lb .497 - .517
Tartrate, dms.....lb. .92 - 1.02
Dibutylamine, dms., c.l., works, lb. .61 - —
l.c.l., works.....lb. .64 - —
Dichloroethyl ether,[4] dms., c.l., works..lb. .15 - —
l.c.l. .....lb. .16 - —
tanks .....lb. .14 - —
Diethyl carbonate, com'l, dms..lb. .25 - —
refd., 99%, dms.....lb. .30 - —
Oxalate, dms., c.l., tvd.....lb. .3020- —
l.c.l., divd.....lb. .3070- —
Phthalate,[4] dms., c.l., divd..lb. .2025- .2120
l.c.l. .....lb. .2075- .2170
tanks .....lb. .1925- .2050
Sulphate, dms., c.l., works..lb. .15 - —
l.c.l., works.....lb. .14 - —
tanks .....lb. .12 - —
Diethylamine, dms., c.l., works, lb. .76 - —
l.c.l., works.....lb. .81 - —
Diethylaminoethanol,[4] l.c.l., dms., works, frt. alld. E. of Miss. R..lb. .75 - —
Diethylaniline, dms.....lb. .40 - —
Diethyleneglycol,[4] d m s., c.l., works..lb. .14 - —
l.c.l., works.....lb. .15½- —
Monobutylether, dms., works..lb. .22½- .24½
Monoethylether,[4] dms., c.l., works..lb. .14½- —
l.c.l., works.....lb. .15½- —
tanks, works.....lb. .14½- —
Digitalis leaves, dms.....lb. .60 - .65
Diglycol laurate, dms.....lb. .31 - .32
Oleate, light, bbls., c.l.....lb. .17 - —
Stearate, bbls., c.l.....lb. .22 - —
Di-isobutyl ketone, dms., works, lb. .19 -
Dillseed, cleaned, bgs.....lb. No stocks
dewhiskered, bgs.....lb. No stocks
Dimethyl phthalate,[4] dms., c.l., divd..lb. .1875- —
l.c.l., divd.....lb. .1925- —
tanks, divd.....lb. .1775- —
Dimethylamine, dms., c.l.....lb. .95 - —
l.c.l., divd.....lb. .90 - —
Dimethylaniline, dms., c.l.....lb. .23 - —
l.c.l., dms.....lb. .24 - —
Dinitrobenzene, bbls., 80° min.lb. .15 - —
Dinitrochlorobenzene, dms.....lb. .14 - —
Dinitronaphthalene, kgs.....lb. .35 - .38
Dinitrophenol, bbls.....lb. .22 - —
Dinitrotoluene, dms.....lb. .18 - —
oily, dms.....lb. .05 - —
Diorthotoluoiguanidin,[4] dms., tons, divd..lb. .44 - —
smaller lots.....lb. .46 - .47
Dioxan, dms., c.l., frt. allds...lb. .20 - —
l.c.l., same basis.....lb. .21 - —
tanks, same basis.....lb. .19 - —
Dip oil (see Tar acid oil).
Dipentene, dms., works.....gal. .56 - .58
tanks .....gal. .52 - —
dest., dist., dms.....gal. .55 - .58
tanks .....gal. .45 - —
Diphenyl, bbls., c.l., works...lb. .15 - —
l.c.l., works.....lb. .16 - .20
Oxide, perfume grade, cns...lb. .48 - .50
dms.....lb. .43 - .45
Diphenylamine,[4] bbls.....lb. .25 - —
Diphenylguanidin,[4] dms., tons, lb. .33 - —
smaller lots.....lb. .36 - .37
Dimethylethyl carbinol (see Carbinol).
Divi-divi[2] bgs., ex dock.....ton.65.00 -70.00
Doggrass root, imp., cut, NF, bls..lb. .50 - .55
dom., bls.....lb. .36 - .45
Dogwood bark, Jamaica, bls..lb. .15 - .20
Dover's powder, USP, cns.....lb. 2.75 Nom.
Dragon's blood, reeds, cs.....lb. .85 - .90
Dyes, coaltar (certified colors) for foods, drugs and cosmetics:—
Blue, FD&C blue, No. 1, cns.lb.13.50 - —
FD&C blue No. 2, cns....lb.13.50 - —
Green, FD&C green, No. 1, cns. lb.13.50 - —
FD&C green, No. 2, cns..lb.17.50 - —
FD&C green, No. 3, cns..lb.27.50 - —
Orange, FD&C orange, No. 1, cns..lb. 2.90 - —
FD&C orange, No. 2, cns..lb. 3.05 - —
food, drugs and cosmetics:—
Red, FD&C red, No. 1, cns..lb. 6.00 - —
FD&C red, No. 2, cns.....lb. 3.15 - —
FD&C red, No. 3, cns.....lb.17.50 - —
FD&C red, No. 4, cns.....lb. 5.75 - —
FD&C red, No. 2, cns.....lb. 4.15 - —
Yellow, FD&C yellow, No. 1, cns..lb. 2.50 - —
FD&C yellow, No. 3, cns..lb. 2.05 - —
FD&C yellow, No. 4, cns..lb. 2.05 - —
FD&C yellow, No. 5, cns..lb. 3.15 - —
FD&C yellow, No. 6, cns..lb. 3.15 - —
Dyes, coaltar (certified colors) for drugs and cosmetics:—
Black, D&C black, No. 1....lb. 3.35 - —
Blue, D&C blue, No. 6.....lb.13.50 - —
Brown, D&C brown, No. 1, cns. lb.12.35 - —
Green, D&C green, No. 5, cns. lb.12.35 - —
D&C green, No. 6, cns.....lb.12.35 - —
Orange, D&C orange, No. 4, cns..lb. 2.35 - —
D&C orange, No. 4, cns....lb.15.35 - —
D&C orange, No. 10, cns...lb.15.35 - —
D&C orange, No. 11, cns...lb.17.35 - —
Red, D&C red, No. 5.....lb. 6.00 - —
D&C red, No. 17.....lb. 3.35 - —
D&C red, No. 18.....lb.18.35 - —
D&C red, No. 19 cns.....lb.15.35 - —
D&C red, No. 22, cns.....lb. 3.35 - —
D&C red, No. 33, cns.....lb.12.35 - —
D&C red, No. 37, cns.....lb 12.35 - —
Yellow, D&C yellow, No. 7, cns..lb. 3.35 - —
D&C yellow, No. 8, cns.....lb. 3.35 - —
D&C yellow, No. 11, cns...lb.10.35 - —
Dyes, coaltar (certified colors), for external use, drugs and cosmetics:—
Blue, Ext. D&C blue, No. 1, cns..lb.12.35 - —
Green, Ext. D&C green, No. 1, cns..lb.12.35 - —
Red, Ext., D&C red, No. 1, cns..lb.10.35 - —
Ext. D&C red, No. 3.....lb.21.35 - —
Ext. D&C red, No. 9.....lb. 7.35 - —
Ext. D&C red, No. 10, cns.lb.12.35 - —
Ext. D&C red, No. 13, cns.lb.12.35 - —
Yellow, Ext. D&C yellow, No. 1, cns..lb. 3.35 - —
Dyes, coaltar, for general uses[6] (numbers are those of Colour Index Scale):—
36 Chrome yellow 2G....lb. .65 - .70
40 Chrome yellow R.....lb. .80 - 1.00
53 Victoria violet.....lb. .90 - 1.00
165 Lake red C.....lb. .70 - .80
170 Fast red A[6].....lb. .50 - .60
180 Fast red VR.....lb. 1.50 - 1.60
189 Lake red R, paste..lb. .85 - .90
189 Lake red R, powd....lb 2.00 - 2.10
202 Chrome blue black U.lb. .35 - .42
204 Chrome black A.....lb. .42 - .45
208 Fast red blue R.....lb. .75 - 2.00
216 Chrome red B.....lb. 1.75 - 2.00
262 Cloth red 2B.....lb. .60 - .80
289 Fast Cyanin 5R.....lb. .90 - 1.00
299 Chrome black F.....lb. .35 - .38
304 Paper yellow.....lb. .82 - .90
307 Fast cyanin black B.lb. .80 - .85
326 Direct cast scarlet...lb. 2.00 - 2.25
365 Chrysophenin G.....lb. .58 - .70
382 Direct scarlet B.....lb. 1.15 - 1.20
387 Direct violet B.....lb. 1.00 - 1.30
394 Direct violet N.....lb. .80 - .85
401 Developed black BHN. lb. .45 - .60
408 Direct blue 2B.....lb. .66 - .70
415 Direct orange B.....lb. .60 - .70
419 Direct fast red F....lb. .70 - .78
420 Direct brown M.....lb. .55 - .57
448 Benzo purpur.e 4B..lb. .65 - .90
495 Benzo purpurin 10B..lb. .40 - .50
502 Direct ascrin G.....lb. .75 - .80

Shell Chemical helps several ways

Acetone is used to make rayon for parachutes, ammunition for the paratrooper's gun, even some of the fabrics he wears. Shell's Tertiary butyl alcohol goes into the paint for Army's trucks and Navy's battlewagons. Every other Shell Chemical product has an important war assignment today.

That's why it will pay you to file the name SHELL CHEMICAL for future reference. Our products and knowledge, so valuable to the nation during war, will be available after the war for the important peacetime work you'll be planning.

PRODUCTS OF SHELL CHEMICAL

Acetone
Tertiary Butyl Alcohol
Butadiene
Diacetone
Isopropyl Alcohol
Mesityl Oxide
Isopropyl Ether
Methyl Ethyl Ketone
Methyl Isobutyl Ketone
Ammonia
Secondary Butyl Alcohol
Allyl Chloride
Allyl Alcohol

ARMY E NAVY

Martinez and Dominguez, California, plants

SHELL CHEMICAL Division of SHELL UNION OIL CORPORATION
100 BUSH ST., SAN FRANCISCO 6, CALIFORNIA
R. W. GREEFF & CO. *Eastern Sales Agent* 10 ROCKEFELLER PLAZA, NEW YORK 20. TRIBUNE TOWER, CHICAGO 11

Dyes, coaltar, for general uses[5] (numbers are those of Colour Index Scale):—

512	Direct blue RD	lb.	.80	1.00
518	Direct pure blue 6B	lb.	1.20	1.30
520	Direct pure blue	lb.	.50	1.00
529	Direct fast black FF	lb.	.55	1.00
581	Direct black EW	lb.	.50	.54
582	Direct black RX	lb.	.35	.45
592	Direct green B	lb.	.50	.55
594	Direct green G	lb.	.50	.55
606	Direct brown 3GO	lb.	.85	1.00
620	Direct yellow R	lb.	1.25	1.50
698	Acid violet	lb.	1.00	3.00
812	Primulin	lb.	.70	.73
814	Direct fast yellow	lb.	2.00	2.25
845	Nigrosin (water soluble)	lb.	.35	.50
1177	Indigo, 20% paste	lb.	.15	.18
	Benzo fast black L	lb.	.90	1.00
	Sulphur black	lb.	.20	.25
	Sulphur blue	lb.	.45	1.00
	Sulphur brown	lb.	.25	.50
	Sulphur maroon	lb.	.40	—
	Sulphur tan	lb.	.30	.50
	Sulphur olive	lb.	.25	.54
	Sulphur yellow	lb.	.30	.50
	Zambesi black	lb.	.75	.80

Black:—

863	Nigrosin derivatives	lb.	.36	.44

Blue:—

7075	Alizarin, astral base	lb.	15.00	—
1078	Alizarin cyanin, green base	lb.	6.00	—

Brown:—

	Brown	lb.	1.15	—

Green:—

1078	Alizarin cyanin green	lb.	5.00	—
	Green	lb.	.75	—

Orange:—

24	Sudan I	lb.	.75	—
	Red shade	lb.	.75	—

Red:—

75	Sudan II	lb.	1.05	—
268	Sudan IV	lb.	.95	—
680	Oil violet	lb.	.50	—
749	Rhodamine B (oil pink)	lb.	2.50	—
1060	Anthraquinone,[6] violet base	lb.	6.00	—

Yellow:—

15	Amidoazobensene yellow	lb.	.90	—
17	Amidoazotoluene yellow	lb.	.75	—
61	Yellow OB	lb.	1.40	2.00

Dyes, coaltar, for stains, spirit-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 5c. per lb. higher, f.o.b. sellers' works or warehouse).

Black:—

946	Naphthol blue black S	lb.	.50	—
729	Victoria blue B	lb	1.35	—
861	Indulin	lb.	.87	—
873	Methylene gray	lb.	1.50	—
909	New blue P	lb.	1.20	—
922	Methylene blue	lb.	1.00	—
1054	Alizarin saphirol B	lb.	1.90	—
1100	Indigotin IA	lb.	.35	—

Blue:—

714	Patent blue A	lb.	1.05	1.10

Brown:—

231	Bismarck brown G	lb.	.47	.62
234	Resorcin brown Y	lb.	.65	—
235	Resorcin dark brown R	lb.	.68	—
332	Bismarck brown R	lb.	.47	.62
793	Phosphin	lb.	4.00	—

Green:—

5	Naphthol green B	lb.	1.00	—
667	Malachite green	lb.	1.35	—
842	Brilliant green	lb.	2.00	—
868	Guinea green B	lb.	1.15	—
787	Wool green S	lb.	.58	—
924	Methylene green B	lb.	1.55	—
1078	Alizarin cyanin green	lb.	2.00	—

Dyes, coaltar, for stains, spirit-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 5c. per lb. higher, f.o.b. sellers' works or warehouse).

Orange:—

10	Chrysoidin G	lb.	.44	—
21	Chrysoidin R	lb.	.41	—
27	Orange G	lb.	.50	—
31	Amidonaphthol red G	lb.	.42	—
37	Amidonaphthol red 6B	lb.	.68	—
151	Orange Y	lb.	.31	.33
161	Orange R	lb.	.34	—

Red:—

79	Ponceau R	lb.	.45	—
88	Fast red B	lb.	1.05	—
176	Fast red A[6]	lb.	.54	—
179	Azorubin	lb.	.60	—
183	Crocein scarlet 3BX	lb.	.72	.75
185	Cochineal red A	lb.	.60	—
252	Brilliant crocein M	lb.	.68	—
677	Fuchsin	lb.	2.10	—
749	Rhodamine B	lb.	3.50	—
752	Rhodamine 6B	lb.	4.50	—
768	Eosin G	lb.	1.50	—
841	Safranin	lb.	1.45	—

Violet:—

680	Methyl violet B	lb.	.70	.75
681	Crystal violet C	lb.	1.75	—
695	Acid violet 4BN	lb.	.88	—

Yellow:—

10	Naphthol yellow S	lb.	.88	—
138	Metanil yellow	lb.	.56	.58
636	Fast light yellow	lb.	1.25	—
639	Xylene light yellow	lb.	1.15	—
640	Tartrazin	lb.	.80	—
655	Auramine	lb.	1.27	—

Dyes, coaltar, for stains, water-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 5c. per lb. higher, f.o.b. sellers[5] works or warerouse).

Black:—

864	Nigrosin	lb.	.36	.44

Blue:—

860	Indulin	lb.	.60	.70

Brown:—

331	Bismarck brown	lb.	1.50	—

Green:—

667	Malachite green base	lb.	2.00	—

Orange:—

20	Chrysoidin G	lb.	.95	—
21	Chrysoidin R	lb.	.96	—

Red:—

677	Fuchsin, magenta, base	lb.	7.25	—
749	Rhodamine B	lb.	4.75	—

Yellow:—

67	Amidoazotoluene yellow	lb.	.75	—
655	Auramine	lb.	2.00	—
900	Chinolin yellow SS	lb.	2.00	—

Violet:—

680	Methyl violet base	lb.	.85	—

Dyes, natural (see name of article).

E

	Echinacea root, bls.	lb.	No stocks	
	Egg[1] albumen (see Albumen).			
	Yolk, dried, dom.	lb.	1.05	1.15
	imported	lb.	No stocks	
	Elder flowers, bright, bls.	lb.	.59	.60
	Elecampane root, bls.	lb.	.18	.19
	Elm bark, grinding, bls.	lb.	.16	.18
	powd., bbls., bxs.	lb.	.25	.26
	select, bndls.	lb.	.25	.26
	Emetine hydrochloride, bots.	oz.	21.00	33.00
	Ephedra, bls.	lb.	21	—
	Ephedrine, natural, USP, anhydrous, bots.	oz.	1.15	1.65
	Hydrochloride or sulphate, tins	oz.	.95	1.45
	synthetic, USP, anhyd., bots., 100 ozs.	oz.	.65	—
	Hemihydrate, bots., 100 ozs.	oz.	.65	—
	Hydrochloride, tins, 100 ozs. or more	oz.	.50	—
	Sulphate, cryst., tins, 100 ozs. or more	oz.	.48	—
	Epinephrine, synth., USP, bots., gram		.75	—
	Epsom salt, tech., bgs.	100 lbs.	1.80	—
	bbls.	100 lbs.	1.90	—
	USP, cryst., bgs., c.l.	100 lbs.	2.00	—
	l.c.l., 5,000 lbs., 1 withdrawal	100 lbs.	2.25	—
	smaller lots	100 lbs.	2.50	—
	bbls., c.l.	100 lbs.	2.10	—
	l.c.l., 5,000 lbs., 1 withdrawal	100 lbs.	2.35	—
	smaller lots	100 lbs.	2.00	—
	kgs., c.l.	100 lbs.	2.35	—
	l.c.l., 5,000 lbs., 1 withdrawal	100 lbs.	2.60	—
	smaller lots	100 lbs.	2.85	—
	dried, bgs., l.c.l.		.06	.09

Epsom salt prices are freight equalized with Balto., Carteret, N. J.; Chicago, Cincinnati, Cleveland, Houston, New Orleans, New York.

	Ergot, USP, dms.	lb.	1.40	1.45
	Eserine, bots	oz.	No prices	
	Sulphate, 1-gram vials	vial	2.10	—
	Ether, acetic (see Ethyl acetate).			
	Amyl (see Amyl ether).			
	Butyl, l.c.l., dms., dlvd.	lb.	.30	—
	Ethyl (see Ether, sulphuric).			
	Nitrous, conc., bot., 100 lbs.	lb.	.93	1.10
	Sulphuric, conc., dms.	lb.	.11	.16
	USP anesthesia, hospitals, 1-lb. cns.	lb.	.60	.61
	synthetic, dms., c.l., works	lb.	.14½	—
	l.c.l., works	lb.	.15½	—
	tanks	lb.	.12½	—
	Ethyl acetate,[6,8] 85-90%, dms., c.l., frt. alld.	lb.	.1170	.1275
	l.c.l., frt. alld.	lb.	.1220	.1325
	tanks, frt. alld.	lb.	.1070	.1175
	95-98%, dms., c.l., frt. alld.	lb.	.1225	.1385
	l.c.l., frt. alld.	lb.	.1275	.1385
	tanks, frt. alld.	lb.	.1125	.1235
	NF, dms.	lb.	.14½	.15½
	Acetoacetate, dms., c.l., wks.	lb.	.87½	—
	l.c.l., frt. alld.	lb.	.38	—
	Benzoate, bots.	lb.	.90	1.00
	Bromide, tech., dms.	lb.	.50	.55
	Carbamate, dms., dlvd.	lb.	.56	—
	Chloride, dms.	lb.	.18	.20
	Cinnamate, cns.	lb.	3.25	3.35
	Formate, cns., dms.	lb.	.87½	.90
	Iodide, bots.	lb.	2.50	2.60
	Lactate, dms., works	lb.	.33½	.33½
	Myristate, ms., works	lb.	.55	—
	Oenanthate, dms.	lb.	.75	1.25
	Oleate, dms., works	lb.	.47	—
	Oxalate, dms., frt. alld.	lb.	.38	—
	Silicate, l.c.l., dms., works	lb.	.77	—
	Ethylcellulose,[8] standard, pkgs., 5,000 lbs or more, works	lb.	.50	—
	smaller lots, same basis	lb.	.52	.60
	Ethyldiethanolamine, dms., l.c.l., works	lb.	.80	—
	Ethylene dichloride,[8] dms., c.l., works, E. of Rockies, frt. alld.	lb.	.0842	—
	West of Rockies, same basis	lb.	.0921	—
	l.c.l., works, E. of Rockies, frt. alld.	lb.	.0921	—
	West of Rockies, same basis	lb.	.0941	—
	Ethylene dichloride, tanks, E. of Rockies, same basis	lb.	.0748	—
	West of Rockies, same basis	lb.	.0792	—
	Ethyleneglycol,[8,6] dms., c.l.	lb.	.10	—
	l.c.l.	lb.	.11	—
	tanks	lb.	.09	—
	Monobutylether,[6] dms., c.l., works	lb.	.16½	—
	l.c.l., works	lb.	.17½	.20½
	tanks, works	lb.	.15½	—
	Monoethylether, dms., c.l., works	lb.	.14½	—
	l.c.l., works	lb.	.15½	.16½
	tanks, works	lb.	.13½	—
	Monoethylether acetate, dms., c.l., works	lb.	.11½	—
	l.c.l., dms.	lb.	.12½	.16½
	tanks, works	lb.	.10½	—
	Monomethylether, dms., c.l., works	lb.	.15½	—
	l.c.l., works	lb.	.16½	—
	tanks, works	lb.	.14½	—
	Ethylethanolamine, dms., c.l., works	lb.	.57	—
	l.c.l., works	lb.	.60	—
	Ethylmorphine hydrochloride, bots.	oz.	10.55	10.75
	Ethylidianilin, dms.	lb.	.45	.47½
	Ethylmonoethanolamine, l.c.l., dms., works	lb.	.80	—
	Ethylvanillin,[1] cns., makers, primary distrib., 5 lbs., or more	lb.	5.25	—
	smaller lots	lb.	5.30	5.40
	Eucalyptol, cns., dms.	lb.	2.50	3.00
	Eucalyptus leaves, bls.	lb.	.10	.13
	Eugenol, cns., dms.	lb.	2.65	3.25
	Euphorbia, bls.	lb.	.12	.13

F

	Feldspar, enamel, 100 mesh, bulk, works	ton.	14.00	17.50
	l.c.l., minimum 2 tons, bgs., t-w-h.	ton.	17.00	20.50
	glass, 20 mesh, bulk, works,	ton.	9.75	12.25
	l.c.l., minimum 2 tons, bgs.,	ton.	12.75	16.25
	pottery, bulk, c.l., works	ton.	17.00	19.00
	l.c.l., min. 2 tons, bgs	ton.	20.00	22.00
	Fennel seed, Argentine, bgs.	lb.	No stocks	
	Indian, bgs.	lb.	.16	.16½
	Fenugreek seed, domestic, bgs.,	lb.	.12½	.13
	Indian, bgs.	lb.	.12½	.13
	Morocco, bgs.	lb.	.10½	.11
	Ferric sulphate, anhyd., bgs., c.l., works	ton.	35.00	—
	l.c.l.	ton.	40.00	—
	Film scrap, colored, cs., 50 lbs. or over, works	lb.	.13½	—
	smaller lots, works	lb.	.15	—
	water white, cs., 50 lbs. or over, works	lb.	.14½	—
	smaller lots, works	lb.	.17	—
	Fir balsam, Canada, cns.	gal.	19.00	20.00
	Oregon, bbls.	gal.	2.35	2.50
	Fishberries, bgs.	lb	.23	.24
	Fishmeal,[1] grd., 60% protein, bgs., East Coast fish factories	ton.	72.50	—
	65% protein, same basis	ton.	75.50	—
	Fishscrap, dried, 60% protein, bulk, East Coast	ton.	66.50	—
	Flake, white, dom., bbls.	lb.	.09	—
	kegs	lb.	.11	—

SPOT DELIVERIES

POTASH ALUM

Sodium Bisulphite

Dextrose C. P. Anhydrous

Zinc Sulfate

Dicalcium Phosphate Food Grade

Heavy Calcined Magnesia

MALT SYRUP

OTHER SPECIAL PRODUCTS

Distributors for THE RUFERT CHEMICAL COMPANY

NICKEL FORMATE • Also NICKEL CATALYST • NICKEL CARBONATE • NICKEL OXIDE, ETC.

GOLWYNE CHEMICALS CORPORATION

420 LEXINGTON AVENUE • NEW YORK 17, N. Y. • PHONE LE 2-9740

Flaxseed, French, black, bgs..lb. .70 - .73
Indian, blonde, bgs.....lb. .13 - .16
Fluorspar,[1] No. 1, ground, 95-98%, bulk, c.l., mines.....net ton.37.00 - —
washed gravel, 70% or more CaF_2, mines..lb.33.00 - —
85% CaF_2 mines.....lb.32.00 - —
80% CaF_2 mines.....lb.31.00 - —
less than 80% CaF_2, mines, lb.30.00 - —
Formaldehyde,[1,2,4] bbls., c.l., works..lb. .0530- .0575
l.c.l., works.....lb. .06 - .0625
dms., c.l., works.....lb. .0515- .0540
l.c.l., works.....lb. .0565- .0590
tanks .....lb. .04 - .04½
Fringetree bark, bls.....lb. No stocks
Fuller's earth, dom., powdered, bgs., c.l., Fla., Ga. mines, ton. 8.50 -15.00
Tex. mines.....ton.12.50 - —
spent, bulk, Bayonne,...ton. 3.00 - —
Chicago .....ton. 4.00 - —
imp., English, bgs., c.l., dlvd. N. Y..ton.30.00 -40.00
Furfural,[6] ref., dms., c.l., works, lb. .15 - —
l.c.l., works.....lb. .17½- .25
tech., dms., contracts, 150,000 lbs...lb. .10 - —
c.l., works.....lb. .12½- —
l.c.l., works.....lb. .15 - .20
tanks, works.....lb. .09 - —
Fusel oil, crude, dms., works.gal. .75 - —
refd., dms., dlvd.....lb. .18½- .19½
Fustic, cryst., bbls., No. 1.....lb. .32 - —
No. 2.....lb. .26 - —
No. 3.....lb. .22 - —
extract, bbls., No. 1.....lb. .16 - —
No. 2.....lb. .15 - —
No. 3.....lb. .12½- —

G.

G salt, bbls.....lb 45 - —
Galangal root, bls.....lb. .28 - .30
Gambier, cube, Singapore, cases, lb. No stocks
extract, bbls.....lb. .09½- .12
Gasoline[1] at refinery, ex tax:—
Arkansas, US motor, 72-74 octane, leaded, tanks..gal. .06 - —
Bayonne, 70 octane, unleaded, tanks..gal. .092 - —
72-74 octane.....gal. .092 - .094
California, 78 octane, tanks.. gal. .075 - —
Gulf Coast, US motor, 72-74 octane, tanks..gal. .05¾- —
80 octane, tanks.....gal. .06¾- .07
Group 3, 72-74 octane, tanks. gal. .06¾- .07
80 octane, tanks.....gal. .07¼- .07⅛
natural, 26-70, tanks....gal. .04¾- .05
Oklahoma-Texas, US motor, 72-74 octane, tanks..gal. .05½- .06
Pennsylvania, western, U. S. motor 70-72 octane, leaded, tanks..gal. .08¼- .08½
Gelatin, silver, cs.....lb. .80 - .97
Gelsemium root, bls.....lb. .19 - .20
Gentian root, bls.....lb. .42 - .45
grd., bbls., bxs.....lb. .43 - .48
powd., bbls., bxs.....lb. .49 - .50
Geraniol, 92-96%, cns., dms....lb. 3.50 - 4.00
Ginger,[1] African, No. 1, bls...lb. No stocks
Calicut, bgs.....lb. .24½- .25
Cochin, bleached, bgs.....lb. .26¾- .27¼
unbleached, bgs.....lb. .25½- .26
Jamaica, No. 1, bgs.....lb. .30 - .31
No. 2, bgs.....lb. .28 - .29
No. 3, bgs.....lb. .24 - .24½
Ginseng root, wild, South, cs..lb. 8.00 - 9.00
Glaubers salt, anhyd. (see Soda Sulphate).
cryst., bgs., bbls., c.l., works, lb. 1.05 - 1.25
l.c.l., 5 tons or over, works, 100 lbs. 1.15 - 1.35
less than 5 tons, works.. 100 lbs. 1.25 - 1.45
Glue, bone,[5] producers', calcium type, 24 millipoise, 36 jelly-grams, bgs., c.l., East of Midwest..lb. .16 - —
30/58, bgs., c.l., same basis, lb. .15½- —
58/82, bgs., c.l., same basis, lb. .17 - —
82/108, bgs., c.l., same basis, lb. .18½- —
Producers' bone glue l.c.l. prices 1c. over c.l.
hide, producers,[1,5] 100-121 (jelly test in grams), bgs., c.l., dlvd..lb. .16 - .21½
122-149, bgs., c.l., dlvd....lb. .17 - .22⅝
150-177, bgs., c.l., dlvd....lb. .18 - .23½
178-206, bgs., c.l., dlvd....lb. .19 - .24½
207-236, bgs., c.l., dlvd....lb. .20 - .25½
237-266, bgs., c.l., dlvd....lb. .21 - .26½
267-298, bgs., c.l., dlvd....lb. .22 - .27½
299-330, bgs., c.l., dlvd....lb. .23 - .28½
331-362, bgs., c.l., dlvd....lb. .24 - .29½
363-394, bgs., c.l., dlvd....lb. .25 - .30½
395-427, bgs., c.l., dlvd....lb. .26 - .31½
428-460, bgs., c.l., dlvd....lb. .27 - .32½
461-494, bgs., c.l., dlvd....lb. .28 - .33½
496-529, bgs., c.l., dlvd....lb. .29 - .34½

Hide glue l.c.l., prices 1c. over c.l. Glue in bbls., ½c. over bgs. Outside prices rule on glues made wholly of imported materials; inside prices on those made with approximately two-thirds domestic and one-third imported materials. Jobbers' prices 2c. to 3½c. over producers'. Chrome and coney glue, 267 or higher jellygram, c.l., 2c. over above prices; below 267 jellygram, 1c. higher. Freight charges above 75c. per 100 pounds may be added.

Glycerin,[1,2,3] CP, BP, 96%, dms., c.l., dlvd. Zones A and C..lb. .18¾- —
l.c.l., same basis.....lb. .19¼- —
tanks, same basis.....lb. .18½- —
USP, 95%, dms., c.l., same basis..lb. .18¼- —
l.c.l., same basis.....lb. .18¾- —
tanks, same basis.....lb. .18 - —
dynamite, high gravity, yellow distilled, dms., c.l., same basis..lb. .18¼- —
l.c.l., same basis.....lb. .18¾- —
tanks, same basis.....lb. .18 - —

Chemically pure and dynamite glycerin are sold to the U. S. government at prices 1c. lower than above.

saponification, 88%, to refiners, dms., c.l., l.c.l., or tanks, same basis..lb. .12¾- —
to individual users, dms., c.l., same basis..lb. .13¾- —
l.c.l., same basis.....lb. .14¾- —
tanks .....lb. .12¾- —
soapiye, 80%, dms., c.l., l.c.l., or tanks..lb. .11½- —
or tanks..lb. .11½- —

Glycerin prices in Zone B, 2c. higher.

Zone A is:—Col., east of but not including these counties:—Costilla, Custer, Douglass, Fremont, Gilpin, Grand, Huerfano, Jackson, Jefferson, and Teller; all points east of and including Kan., Neb., N. Dak., Omaha, S. Dak., Texas, and Laramie county, Wyo. Zone B is territory between zones A and C, as follows:—Ariz., Col., west of and including counties specified above; Nev., New Mex., Ore., east of and including these counties:—Deschutes, Hood River, Jefferson, Klamath, and Wasco; Wash., east of and including these counties:—Chelan, Kittitas, Klichat, Oklanogan, and Yakima.
Zone C, territory west of Zone B.

Glycine, medicinal, bbls., tins.lb. 1.25 - 1.55
Glycol boriborate, dms.....lb. .2_ - —
Stearate, dms.....lb. .26 - —
Gold of pleasure seed, bgs....lb. No stocks
Gold chloride acid, brown, bots., cs.20.75 -21.00
yellow, bots.....lb.18.75 -19.00
Gold-soda chloride, photo., bots., cs.13.00 - —
USP IX, bots.....cs.14.50 -14.75
Goldenseal root, bls.....lb. 6.00 - 6.25
powd., bxs.....lb. 6.25 - 6.50
Grains of Paradise, bgs.....lb. .21 - .25
Graphite,[1,6] flake (cryst.), 90%, 325 mesh, 50% graphite, carbon, bgs., c.l., works..lb. .07 - —
bbls., c.l., works.....b. .07¼- —
l.c.l., works.....lb. .07½- —
80%, passable through 50 mesh screen, 65-80% carbon, bgs., works or whse..lb. .04½- —
70-74%, same basis.....lb. .05 - —
75-79%, same basis.....lb. .06½- —
80-84%, same basis.....lb. .06 - —
85-89%, same basis.....lb. .07 - —
90% and up, same basis....lb. .08 - —
Grease,[1,6] house, loose.....lb. .03½- —
white, choice, loose.....lb. .05½- —
Wool (see Adeps lanae and Degras).
Green, brilliant,[1] thioflavin toner, tungstic, kgs., works..lb. 2.75 - —
molybdic, same basis.....lb. 3.25 - —
Chrome, [1,6] CP, dark, light, medium blue content up to 5%, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. River, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis..lb. .13 - —
11-15%, bbls., same basis.lb. .25 - —
20%, bbls., same basis...lb. .25½- —
21-25%, bbls., same basis.lb. .26 - —
26-30%, bbls., same basis.lb. .26½- —
31-35%, bbls., same basis.lb. .27½- —
36-40%, bbls., same basis.lb. .28 - —
41-45%, bbls., same basis.lb. .30½- —
46-50%, bbls., same basis.lb. .33 - —
reduced color, 5%, bbls., same basis..lb. .06¾- —
9-10%, bbls., same basis.lb. .07½- —
11-13%, bbls., same basis.lb. .08 - —
14-16%, bbls., same basis.lb. .08¼- —
17-19%, bbls., same basis.lb. .08½- —
20-21%, bbls., same basis.lb. .08¾- —
22-23½, bbls., same basis.lb. .09 - —
24-25%, bbls., same basis.lb. .09¼- —
26-27%, bbls., same basis.lb. .09½- —
28-29%, bbls., same basis.lb. .10 - —
30-31%, bbls., same basis.lb. .10½- —
32-33%, bbls., same basis.lb. .13 - —
34-35%, bbls., same basis.lb. .13 - —
36-40%, bbls., same basis.lb. .14 - —
41-45%, bbls., same basis.lb. .17 - —
46-50%, bbls., same basis.lb. .17½- —
51-55%, bbls., same basis.lb. .18 - —
56-60%, bbls., same basis.lb. .18½- —
61-65%, bbls., same basis.lb. .19 - —
66-70%, bbls., same basis.lb. .20 - —
71-75%, bbls., same basis.lb. .21 - —

Green, chrome, prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Texas (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph, 1.6c. higher dlvd. Pac. Coast; for Denver, Pueblo, Salt Lake City and Wichita, prices are equalized with Chicago.

Oxide,[6] pure, dms., works..lb. .24 - —
Malachite,[1] thioflavin toner, tungstic, bbls., works..lb. 2.50 - —
molybdic, bbls., works..lb. 3.00 - —
Phthalocyanin,[1] green toner, bbls., works..lb. 4.00 - 5.00
tetrahydroxide, bbls.....lb. .85 - —
Paris (see P).
Tungstated, brilliant, kgs....lb. 3.00 - —
emerald, kgs.....lb. 2.60 - —
Verdigris (see V).
Green dyes (see Dyes, green).
Grindelia robusta, bls..... lb. .16 - .17
Guaiac resin, cs.....lb. .43 - .49
Wood, bls.....lb. .05 - .06
Guaiacol, liq., dms.....lb. 1.75 - 2.0[illegible]
Carbonate, flb. dms..... lb. 2.40 - 2.74
Guanidin carbonate,[2] bbls., c.l., works..lb .57 - —
smaller lots.....lb. .58 - .73½
Guarana, powd., cs.....lb. No prices
Gum accroides (see Gum, yacca).
Aloe (see A).
Ammoniac, tears, cs.....lb. 1.20 - 1.25
Arabic, amber, sorts, bgs....lb. .12½- .13
white, sorts, 1, bgs.....lb. .28 - .30
Asafetida (see A).
Asphaltum (see A).
Benzoin, Siam, cs..... ...lb. 3.00 - 3.50
Sumatra, cs.....lb. .52 - 1.00
Camphor (see C).

PROBLEM: TO INTRODUCE Cl into An Organic Chemical

HELP IN SOLVING

	SULFURYL CHLORIDE	THIONYL CHLORIDE	SULFUR DICHLORIDE	SULFUR MONOCHLORIDE
Formula	SO_2Cl_2	$SOCl_2$	S_2Cl_2	S_2Cl_2
Description	Hooker Sulfuryl Chloride is a clear heavy liquid with an extremely pungent odor.	Hooker Thionyl Chloride is a colorless to yellow or pale red liquid with a pungent irritating odor.	Hooker Sulfur Dichloride is a dark brown-reddish liquid with a strong suffocating odor.	Hooker Sulfur Monochloride is a yellow to slightly reddish liquid with a disagreeable suffocating odor.
Specifications	High Grade: practically colorless; has a boiling range of 2° including 69.1° C. and is at least 99% pure Sulfuryl Chloride. Hooker Sulfuryl Chloride Technical is light yellow in color; it is not distilled.	High Grade: Boiling range 75 to 79° C. Sp. gr. 1.630 ± 0.005 at 20°/4° C. 96% minimum $SOCl_2$. Technical Grade: 93% minimum $SOCl_2$.	Contains not less than 66% of chlorine by weight. Sp. gr.: 1.632 ± 0.003 at 15.5/15.5° C. Boiling Point: Decomposes above 40° C. giving off chlorine until boiling point of Sulfur Monochloride is reached.	Contains at least 50% chlorine and less than 2% dissolved but uncombined sulfur. Sp. gr.: 1.687 at 15.5/15.5° C. Boiling Point: 138° C.
Shipping Containers	5 gallon carboys holding 65 lbs. net. 12 gallon carboys holding 150 lbs. net. 55 gallon steel drums holding 725 lbs. net.	5 gallon carboys holding 65 lbs. net. 55 gallon steel drums holding 725 lbs. net.	55 gal. drums containing 700 lbs. and tank cars.	55 gal. drums containing 700 lbs. and tank cars.

Here are a few brief facts about the uses for these four currently available Hooker Chemicals.

SULFURYL CHLORIDE and THIONYL CHLORIDE are two of the most highly reactive and versatile agents for introducing chlorine into organic compounds. SULFURYL CHLORIDE is used in the manufacture of chlorophenols, organic acid chlorides and anhydrides, sulfonyl chlorides which are detergent intermediates, other organic chemicals, and in the production of anti-shrink wool. THIONYL CHLORIDE is used in the manufacture of organic acid chlorides and anhydrides — and of alkyl chlorides from corresponding alcohols.

SULFUR DICHLORIDE is used as a special chlorinating agent, as a chlorinating agent in metallurgy, and for the manufacture of organic acid chlorides and other organic chemicals. SULFUR MONOCHLORIDE is used in the manufacture of dye intermediates, rubber substitutes, linseed oil substitutes, military gases, insecticides, organic acid chlorides and pharmaceuticals.

Further information about these HOOKER chlorinating agents is given in Hooker Technical Bulletin No. 328. When you write for a copy, address

HOOKER ELECTROCHEMICAL COMPANY
1 FORTY-SEVENTH STREET
NIAGARA FALLS, N. Y.
New York, N. Y. • Tacoma, Wash. • Wilmington, Calif.

HOOKER ELECTROCHEMICAL COMPANY

HOOKER CHEMICALS

Gum, copal,[1] Congo, sorted, No. 30, bgs., c.l., ex dock, whse. lb. .55½- —
31, same basis ..... lb. .21½- —
32, same basis ..... lb. .15½- —
33, same basis ..... lb. .14 - —
34, same basis ..... lb. .09½- —
35, same basis ..... lb. .15½- —
36, same basis ..... lb. .12½- —
37, same basis ..... lb. .11½- —
38, same basis ..... lb. .12¼- —
39, same basis ..... lb. .10½- —
40, same basis ..... lb. .09 - —
41, same basis ..... lb. .11¼- —
unsorted, No. 1, bgs., c.l., same basis .. lb. .14¼- —
2, bgs., c.l., same basis. lb. 12½ - —
3, bgs., c.l., same basis. lb. .11¼- —
FAD, bgs., c.l., same basis. lb. .1[illegible]- —
East India,[1] batu, bold, scraped, bgs., c.l., same basis .. lb. .10¼- —
unscraped, same basis. lb. .09 - —
chips, same basis ... lb. .13 - —
dust, same basis .... lb. .06½- —
batu, bold, unscraped, nubs and chips, same basis. lb. .05¾- —
nubs and chips, same basis .. lb. .09¾- —
black, bold, scraped, bgs., c.l., same basis. lb. .12 - —
unscraped, same basis. lb. .07¼- —
nubs and chips, same basis .. lb. .07¼- —
pale, Hiroe-Macassar,[1] bold, bgs., c.l., same basis. lb. .17½- —
chips, same basis ... lb. .11½- —
dust, same basis .... lb. .05½- —
nubs, same basis .... lb. .13¾- —
Singapore, Rasak, bold, bgs., same basis. lb. .22¾- —
chips, same basis ... lb. .11¾- —
dust, same basis .... lb. .05½- —
nubs, same basis .... lb. .10¾- —
Macassar,[1] WS, bgs., c.l., same basis .. lb. .11¾- —
MA, same basis ..... lb. .09¾- —
MB, same basis ..... lb. .09½- —
dust, same basis ..... lb. .07¾- —
Manila, Bocas[1], hard, bold, amber, light, bakts., c.l., same basis .. lb. .13½- —
dark, light, same basis, lb. .14½- —
white, same basis .... lb. .15½- —
Loba,[1] A, bgs., c.l., same basis .. lb. .14 - —
B, same basis ..... lb. .13¾- —
C, same basis ..... lb. .13¾- —
CBB, same basis ..... lb. .12 - —
CNE, same basis ..... lb. .10 - —
D, same basis ..... lb. .13¾- —
DBB, same basis ..... lb. .11 - —
DU, same basis ..... lb. .06¾- —
DK, same basis ..... lb. .09½- —
MA, same basis ..... lb. .09¾- —
dust, same basis ..... lb. .07¾- —
MB, same basis ..... lb. .09½- —
WS, same basis ..... lb. .11¾- —
Manila-Singapore,[1] white split chips, bgs., c.l., same basis. lb. .15½- —
dust, same basis ..... lb. .07¾- —
whse., entry point, c.l.. lb. .09¾- —
Philippine,[1] Manila, extra bold, pale scraped, baks., same basis .. lb. .15 - —
bold, pale scraped, same basis .. lb. .15 - —
extra pale, bold sorts, same basis .. lb. .12¾- —
pale chips, bold, same basis .. lb. .13 - —
pale, nubs, WCB, same basis .. lb. .12¾- —
small chips, same basis .. lb. .11¾- —
SG, same basis ..... lb. .10¼- —
seeds and dust, same basis. lb. .06¾- —
Pontianak, bold, scraped, bgs., c.l., same basis .. lb. .23¾- —
mixed, same basis ..... lb. .17¾- —
chips, small, same basis .. lb. .12¾- —
cuttings of split, same basis. lb. .19½- —
nubs, same basis ..... lb. .13 - —
Gum copal, l.c.l., prices ¼c. to ½c. higher.
Dammar,[1] Batavia, A, ex., c.l., same basis .. lb. .35¾- —
A/C, same basis ..... lb. .31¼- —
A/D, same basis ..... lb. .25¾- —
A/E, same basis ..... lb. .25¾- —
B, same basis ..... lb. .24¾- —
C, same basis ..... lb. .22¾- —
D, same basis ..... lb. .25¾- —
E, same basis ..... lb. .18¾- —
F, same basis ..... lb. .13¾- —
dust, same basis ..... lb. .13¾- —
Singapore,[1] No. 1, ex., c.l.. lb. .30¾- —
2, bgs., same basis ..... lb. .25 - —
No. 1, 3, bgs., same basis. lb. .12¾- —
chips, ex., same basis ... lb. .23¼- —
dust, bgs., same basis .... lb. .13 - —
seeds, ex., same basis .... lb. .17¾- —
Gum dammar, l.c.l. prices, ¼c. to ½c. higher.
Elemi,[1] cns. ..... lb. .09½- .09¾
Ester, ord., dms., c.l., dlvd., Ill., Ind., Ky., Mich., Mid.-Atl. states, N. England states, Minneapolis, N. C., Ohio, St. Louis, St. Paul, Va., W. Va. lb. .09½- —
other points, dlvd .... lb. .10 - .11
l.c.l., dlvd. Ill., Ind., etc., lb. .09¾- .10
other points, dlvd ..... lb. .10½- .12
Euphorbium, cs. ..... lb. 1.50 Nom.
Galbanum, cs. ..... lb. 1.60 - 1.65
Gamboge, pipe, cs. ..... lb. No stocks
powd., bbls. ..... lb. No stocks
Guaiac (see Guaiac resin).
Karaya, bbls., bxs., dms. .... lb. .18 - .40
Kauri,[1] brown, chips, extra, bgs., c.l., ex dock, whse.. lb. .18 - —
80%, same basis ..... lb. .16 - —
dust, same basis ..... lb. .12½- —
nubs, same basis ..... lb. .24 - —
No. 1 extra, same basis .... lb. .34 - —
superior, same basis ..... lb. .31 - —
No. 2 extra, same basis .... lb. .30 - —
superior, same basis ..... lb. .27½- —
No. 3, same basis ..... lb. .25 - —
x, same basis ..... lb. .36 - —
2x, same basis ..... lb. .49 - —
bush, assorted, same basis. lb. .33 - —
bright, same basis ..... lb. .18 - —
bold, sammu basis ..... lb. .40 - —
chips, same basis ..... lb. .32 - —
dark, same basis ..... lb. .18 - —
white, chips, pale, same basis, lb. .20¾- —
extra, same basis ..... lb. .25½- —
dust, pale, same basis .... lb. .20¾- —
extra, No. 1, same basis .. lb. .42 - —
No. 2, same basis ..... lb. .31 - —
No. 3, same basis ..... lb. .30 - —
superior, No. 1, same basis. lb. .41 - —
No. 2, same basis ..... lb. .31 - —
No. 3, same basis ..... lb. .22 - —
3x, same basis ..... lb. .65½- —
4x, same basis ..... lb. .66 - —
5x, same basis ..... lb. 1.50 - —
Gum kauri, l.c.l., prices are ¼c. to ½c. higher.

Gum, locust bean, powd., bbls., lb. 1.25 Nom.
Mastic, cs. ..... lb. 5.00 Nom.
Myrrh, cs. ..... lb. .50 - .60
Olibanum, siftings, cs. ..... lb. .11½- .18
tears, cs. ..... lb. .18 - .30
Opium (see O).
Red (see Gum, yacca).
Rosin (see R).
Sandarac,[1] ca. ex dock, whse. lb. 1.40 Nom.
Scammony, cs. ..... lb. 1.30 - 1.35
Talha, bgs. ..... lb. .10 - .11
Tragacanth, No. 1, cs. ..... lb. 5.00 - 5.25
No. 2, cs. ..... lb. 4.50 - 5.00
No. 3, cs. ..... lb. 3.00 - 3.50
Yacca,[1] red gum, coarse, bgs., ex dock, whse. lb. .06 - —
powdered ..... lb. .07¼- —
Gypsum, Keene's cement, paper bgs., c.l., f.o.b. Acme, Tex., frt. equald. ton. 22.65 - —
Harlem River, N. Y., frt. equald. ton. 28.25 - —
Medicine Lodge, Kan., frt. equald. ton. 17.00 - —
New Brighton, N. Y., frt. equald. ton. 28.25 - —
Southard, Oklahoma, frt. equald. ton. 17.00 - —
Sweetwater, Texas, frt. equald. ton. 21.45 - —
plaster of paris, paper bgs., f.o.b. Blue Rapids, Kans., frt. equald. ton. 12.50 - —
Acme, Tex., frt. equald. ton. 12.50 - —

Gypsum, plaster of paris, f.o.b. Harlem River, N. Y., frt. equald. ton. 13.00 - —
Medicine Lodge, Kans., frt. equald. ton. 13.50 - —
New Brighton, N. Y., frt. equald. ton. 13.00 - —
Southard Oklahoma, frt. equald. ton. 12.50 - —
Sweetwater, Texas, frt. equald. ton. 12.50 - —
Stucco, paper bgs., c.l., f.o.b. Acme, Tex.; Akron, N. Y.; Blue Rapids, Kansas; Clarence Center, N. Y.; Fort Dodge, Ia.; Grand Rapids, Mich.; Gypsum, Ohio; Harlem River, N.Y.; National City, Mich.; New Brighton, N. Y.; Plasterco, Ga.; Portsmouth, N. H.; Roten, Texas; Southard, Okla.; Sweetwater, Texas; frt. equald. ton. 8.00 - —
Saltville, Va. ..... ton. 9.00 - —
Terra alba, paper bgs., c.l., Harlem River, N. Y. ton. 12.00 - —
New Brighton, N. Y.; Southard, Okla. ton. 13.00 - —

H

Hawthorn berries, bgs. ..... lb. .60 - .65
Heliotropin, cryst., cns. ..... lb. 3.25 - 3.35
Hellebore, white, powd., bbls. lb. .46 - .47
Helonias root, bls. ..... lb. No stocks
Hematine, cryst., bbls., No. 1. lb. .34 - —
No. 2 ..... lb. .30 - —
No. 3 ..... lb. .26 - —
No. 4 ..... lb. .26 - —
No. 5 ..... lb. .24 - —
paste, bbls., No. 1 ..... lb. .14½- —
No. 1. lb. .14½- —
No. 2 ..... lb. .12½- —
No. 3 ..... lb. .12½- —
Hemlock bark extract,[1,2] 25% tan, c.l., bbls., works. lb. No stocks
tanks, works ..... lb. No stocks
Henbane leaves, bls. ..... lb. 1.35 - 1.75
Henna leaves, bls. ..... lb. .17 - .18
powd., bbls., bxs. ..... lb. .22 - .23
Heptane,[1] 56°-100° C., industrial grade, dms., c.l., Group 3, gal. .12½- —
l.c.l., Group 3 ..... gal. .13 - —
tankcars, Group 3 ..... gal. .10 - —
77°-115°, industrial, dms., c.l., Group 3 .. gal. .13 - —
l.c.l., Group 3 ..... gal. .13 - —
tankcars, Group 3 ..... gal. .10½- —
laboratory grade, dms., c.l., Group 3 .. gal. .16 - —
l.c.l., Group 3 ..... lb. .29 - —
10 gals., Group 3 .... gal. .35 - —
Hexaldehyde, normal, dms., c.l., works. lb. 1.10 - —
Hexalin (see Cyclohexanol).
Hexamethylenetetramine,[3,4] tech., dms., 1,500 lbs. up, Perth Amboy or N.Y.C. lb. .32 - —
150 to 1,350 lbs., same basis, lb. .33 - —
USP, dms., 500 lbs. or more, same basis .. lb. .38 - —
fib. ctns., same basis ..... lb. .40 - —

ETHYL BROMIDE

A valuable chemical intermediate

• Ethyl Bromide is an economical ethylating agent in the synthesis of Barbituric Acid and its derivatives. The manufacturer of vitamins and other organic chemicals has found that Dow Ethyl Bromide is a dependable intermediate in organic synthesis. It is a clear, colorless, volatile liquid with a pleasant odor and uniform properties.

PROPERTIES

Specific gravity at 25/25° C.	1.42
Pounds per gallon at 25° C.	11.8
Boiling Point	38.4° C
Freezing Point	—119° C
Flash Point	Non

THE DOW CHEMICAL COMPANY, MIDLAND, MICHIGA
New York Philadelphia St. Louis Boston Washingto
Cleveland Chicago Houston San Francisco Los Angeles Seattl

PHARMACEUTICAL *Chemicals*

DOW
CHEMICALS INDISPENSABLE TO INDUSTRY AND VICTORY

Hexane,[1] 60°-70° C., industrial grades, dms., c.l., Group 3, gal. .18½- —
l.c.l., Group 3.....gal. .19 - —
industrial grades, tankcars, Group 3..gal. .10½- .11
laboratory grade, dms., c.l., Group 3..gal. .16 - —
l.c.l., Group 3.....gal. .29 - —
10 gals., Group 3.....gal. .55 - —
Hexanol, dms., l.c.l., works..lb. .25 - —
Homatropine hydrobromide, bots., oz.37.50 -42.00
Hoofmeal, 17-18% ammon., bulk, Chicago..unit. 4.50 - 4.75
Hops, NF, bls.....lb. .50 - 1.80
Horehound, bls.....lb. .12 - .14
Hydrangea root, bls.....lb. No prices
Hydrastine, bots.....oz.20.00 - —
Hydrochloride, bots.....oz.20.00 - —
Sulphate, bots.....oz.29.00 - —
Hydrastinine, 15 grs., bots...bot. 1.95 - —
Hydrastis (see Goldenseal).
Hydrofuramide, dms., fib. cns., works..lb. .30 - .40
Hydrogen peroxide,[6] USP, bbls., lb. .03¾- .04
100 vols., cbys., E. of Miss. River, West Coast via Panama Canal..lb. .15½- .15¾
Hydroquinone, bbls., dms.....lb. .90 - .94
Hydroxycitronellal, cns.....lb. 8.75 - 9.00
dms., extra, ret'able, dlvd..lb. 4.50 - —
Hyoscine hydrobromide, bots., gram. 4.50 - —
Hyoscyamine, bots.....oz.20.00 -37.50
Hydrobromide, bots.....oz.20.00 -37.50
Sulphate, bots.....oz.20.00 -37.50
Hypernic, cryst., bbls., No. 1..lb. .42 - —
No. 2.....lb. .34 - —
extract, bbls., No. 1.....lb. .24 - —
No. 2.....lb. .16 - —

I

Iceland moss, bls.....lb. 1.45 - 1.50
Isothammol, N.F., bots.....lb. 2.45 - 4.50
Indian red (see Red, Indian).
Indigo, nat., chests.....lb. 2.14 - 2.20
synth., paste, bbls.....lb. .16½- .19
powd., bbls.....lb. .74½- .95
Indol, CP, bots.....lb.26.50 -27.50
Insect flowers (see Pyrethrum).
Iodine, crude, 25-lb. jars.....lb. 1.67 - —
150-lb. kgs., net.....lb. 1.28¼- —
resubl., 5-lb. bots., jars.....lb. 2.00 - 2.10
Iodoform, 100-lb. dms.. kgs...lb. 3.95 - 4.10
jars.....lb 4.20 - —
Ipecac[6] root, bgs.....lb. No prices
powd., bgs.....lb. No prices
Irish moss, ordinary, bls.....lb. .26 - .28
powd., 80-90 mesh, bbls...lb. .32 - .33
prime bleached, bls.....lb. .35 - .40
powd.....lb. .40 - .50
Iron acetate, liquor, bbls., c.l., dlvd..lb. .17 - —
l.c.l., dlvd.....lb. .18 - —
solut., USP IV, 100-lb. cbys., lb. .17 - —
50-lb. djns.....lb. .18 - —
Chloride (ferric), tech., anhydr., 390-lb. dms..100 lbs. 4.65 - 6.25
150-lb. dms.....100 lbs. 5.00 - 6.00
cryst., bbls., works, frt. alld. or equald..lb. .06 - .08
kegs, works, frt. alld. or equald..lb. .07½- .08
USP X, cryst., lump, bbls., lb. .07½- —
dms. .08½- —
solut., NF, cbys., works, frt. alld. or equald..lb. .06½- .07½
djns.....lb .10 - —
Citrate, USP VIII, pearls, dms., lb. .70 - .75
powd., cns.....lb. .84 - .87
Iron glycerophosphate, bbls., 1,000-lb. lots..lb. 3.30 - —
100-lb. lots.....lb. 3.40 - —
cns., 25 lbs.....lb. 3.52 - —
Hyposulphite, bbls., dms....lb. 1.50 - 1.52
Iodide, bots.....lb. 3.18 - 3.32
syrup, bots., cbys.....lb. .39 - .53
Naphthenate, 6% Fe, 50-gal. dms..lb. .15 - —
Nitrate, red, tech., dms....lb. .03½- .04
Oxalate, gran., dms.....lb. .83 - .85
powd., cns.....lb. .52 - —
kgs.....lb. .47 - .49
Oxide, black (see Black iron oxide).
Phosphate, ferric, N.F., pearls, cns..lb. .54 - .57
Pyrophosphate, pearls, cns...lb. .59 - .62
Reduced, 90%, kgs.....lb. .65 - .75
Resinate, 7.4% Fe, 100-lb. dms., lb. .17¼- —
Sulphate, tech. (see Copperas and Ferric sulphate).
USP, cryst.. bbls., dms....lb. .05½- .11
Tallate, 4% Fe, 50-gal. dms., lb. .10¼- —
Iron-ammonia citrate, brown, green, gran., pearls, dms. lb. .33 - .38
scales, dms.....lb. .49 - .52
Oxalate,[6] bbls.....lb. .23½- —
dms., kgs.....lb. .25½- —
Iron-soda oxalate, bbls., dms..lb. .23½- .26½
Isoborryl thiocyanoacetate, cbys., dms., extra, works..gal. 4.95 - —
Isobutyl acetate,[6] dms., works..lb. .0860- —
tanks, works.....lb. .0760- —
Proplonate, dms., works.....lb. .102 - —
Isopentane, dms., works.....gal. .45 - .55
Isophorone, dms., works.....lb. .25 - —
Isopropanol (see Alcohol, Isopropyl).
Isopropyl acetate,[6] dms., c.l., E. of Rockies, frt. alld..lb. .41 - —
l.c.l., E. of Rockies, frt. alld..lb. .11½- .13
Isopropyl acetate, tanks, E. of Rockies, frt. alld..lb. .10 - —
Alcohol (see Alcohol).
Ether, dms., c.l.....lb. .06 - —
l.c.l. .....lb. .06½- —
tanks .....lb. .04½- —
Isopropylamine, dms., works...lb. .55 - —

J

Jaborandi leaves, bls.....lb. .09 - .10
Jalap root, NF, bls.....lb. .45 - .62
powd., bbls., bxs.....lb. .52 - .58
Resin, lump, cns.....lb. 5.85 - —
powd., bxs.....lb. 5.90 - —
Juniper berries, dom., bgs.....lb. .55 - .60
imp. (Juniperus communis), bgs..lb. .70 - —

K

Kamala, tins.....lb. .42 - .45
Kaolin (see China clay).
Kava kava root, bls.....lb. .23 - .24
Kerosene at refinery:—
Ark., 41-43 w.w., bulk, tanks, gal. .04½- .04¼
Bayonne, 41-43 w.w., tank.. gal. .07¼ - —
Gulf ports, 41-43 w.w., bulk, gal. .04¼- .04¼
Okla.-Texas, 42-44 w.w., tanks..gal. .04¾- .04¾
Penn., 45 w.w., tanks....gal. .07½- .08
46 w.w., tanks.....gal. .07¼- .07⅝
47 w.w., tanks.....gal. .07¾- .08
San Francisco, tanks.....gal. .11½- —
Kola nuts, bgs.....lb. .09 - .10

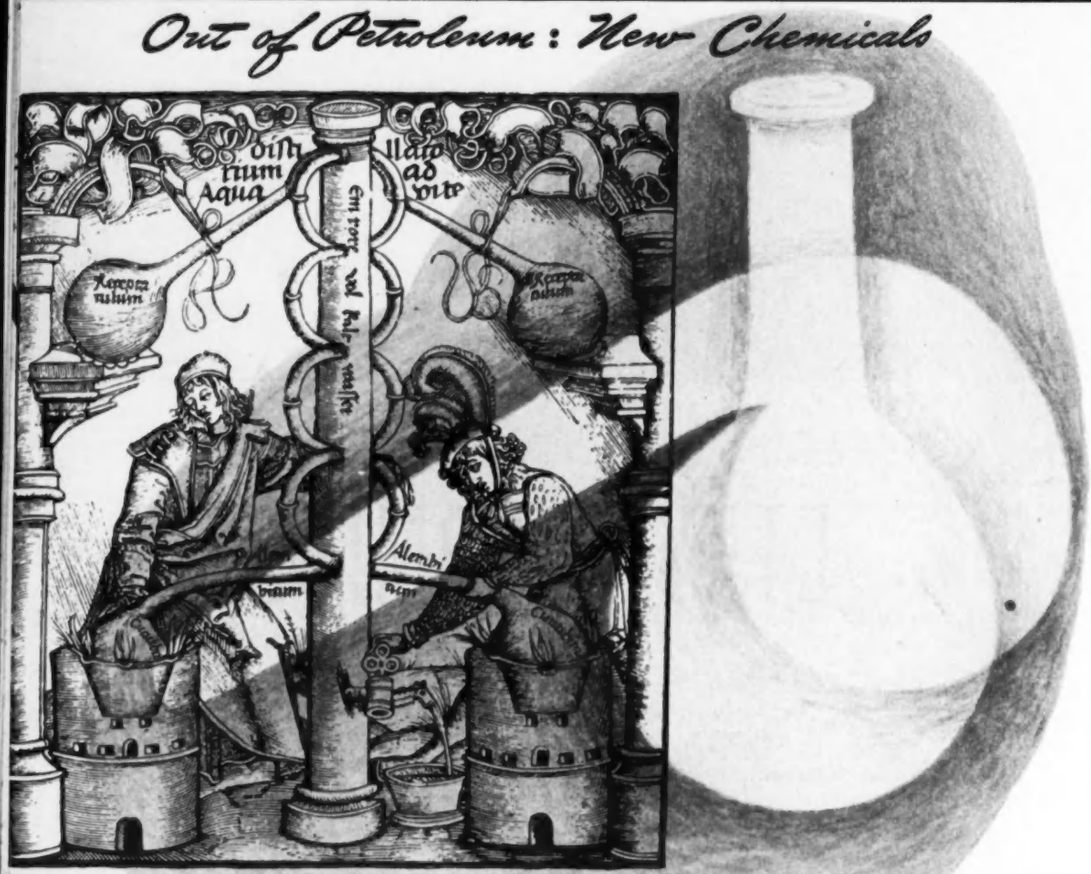
L

Lady slipper root, bls.....lb. 1.10 Nom.
Lanolin (see Adeps lanae).
Lard,[1,6] city, trcs.....100 lbs.13.80 - —
Western, choice, trcs...100 lbs.13.80 - —
Larkspur seed, bgs.....lb. 3.75 - 4.00
Laurel berries, bls.....lb. .25 - .26
Leaves, Cyprus, bls.....lb. .35 - .36
Greek, bls.....lb. No stocks
Portuguese, bls.....lb. .20 - .20½
Turkish, bls.....lb. .32 - .33
Lavender flowers, medium, bls..lb. .80 - .85
ordinary, bls.....lb. .45 - .50
select, bls.....lb. .90 - .95
Lead,[1,6] (metal) (see paint market).
Acetate, white, broken, bbls..lb. .12½- —
cryst., bbls.....lb. .12½- —
gran., powd., bbls.....lb. .13¼- —
Arsenate,[1,6] paste, stand., cns., c.l..lb. .05¾- .06
l.c.l. .....lb. .06 - .06¼
powder, basic, 3-lb. bgs. or larger, c.l..lb. .11½- .12
l.c.l. .....lb. .12 - .12½
1-lb. ctns., c.l.....lb. .18½- .22½
l.c.l. .....lb. .19 - .23
standard, 3-lb. bgs. or larger, c.l..lb. .11 - .11¼
l.c.l. .....lb. .11½- .12
1-lb. bgs., c.l.....lb. .16 - .20
l.c.l. .....lb. .16¾- .20½
1-lb. ctns., c.l.....lb. .18 - .23
l.c.l. .....lb. .18½- .23½
¼-lb. ctns., c.l.....lb. .21 - .26
l.c.l. .....lb. .21½- .26½

Inside column is maximum OPA prices for manufacturers or distributors; outside column for all other purchasers. Lead arsenate prices are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for works or whse. pick-ups.

Blue, basic sulphate, bbls., c.l., dlvd. E..lb. .07½- —
dlvd. Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo..lb. .07¾- —
l.c.l., dlvd. E.....lb. .07¾- —
dlvd. Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo..lb. .08 - —
Carbonate (see Lead, white).
Chloride, fib. dms.....lb. .42 - —
Iodide, NF V, powd., bots..lb. 2.60 - —
jars .....lb. 2.80 - —
Linoleate, pale, precip., bbls.lb. .22½- —
Metal (see quotations in market report).
Metallic paste, works.....lb. .19¾- .21¼
Naphthenate, 24%-30% Pb, 50-gal. dms..lb. .14½- .17¼
Nitrate, bbls.....lb. .12½- —
Oleate, bbls.....lb. .17¾- —
Peroxide, powd., tech., bbls..lb. .23 - —
Red, dry, 95% or less Pb_3O_4, bbls., c.l. (20 tons), dlvd. Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash..lb. .09¼- —
Other points.....lb. .09 - —
l.c.l., 5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and W. Cascade Mts. in Ore. and Wash..lb. .09¾- —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash..lb. .10¼- —
l.c.l., 5 tons, dlvd. Colo., Mont., N. Mex., Wyo..lb. .10 - —
other points.....lb. .09½- —
smaller lots, Ala., etc..lb. .10¼- —
Ariz., etc.....lb. .10¾- —
Colo., etc.....lb. .10¼- —
other points.....lb. .10 - —
97%, Pb_3O_4, bbls., c.l., dlvd. Ala., etc..lb. .09¼- —
other points.....lb. .09¾- —
l.c.l., 5 tons, dlvd. Ala., etc..lb. .10 - —
Colo., etc.....lb. .10¼- —
Ariz., etc.....lb. .10¾- —
other points.....lb. .09¾- —
smaller lots, dlvd. Ala., etc..lb. .10¾- —
Ariz., etc.....lb. .11 - —
Colo., etc.....lb. .10¾- —
other points.....lb. .10¼- —
98%, Pb_3O_4, bbls., c.l. (20 tons), dlvd. Ala., etc..lb. .09¾- —
other points.....lb. .09¼- —
l.c.l., 5 tons, dlvd. Ala., etc..lb. .10¼- —
Ariz., etc.....lb. .10¾- —
Colo., etc.....lb. .10¼- —
other points.....lb. .10 - —
smaller lots, dlvd. Ala., etc..lb. .10¼- —
Ariz., etc.....lb. .11¼- —
Colo., etc.....lb. .11 - —
other points.....lb. .10¼- —
in oil, 95% min., kgs.....lb .14 - —
Resinate, precip., 23.5% Pb, 160-lb. dms. lb. .17½- —
Silicate, bgs.....lb. .0730- .0788
Soyate, 26.15% Pb, 50-gal. dms..lb. .23½- —

Out of Petroleum: New Chemicals



New Chemical Contours for Industries of Tomorrow

In Oronite Research Laboratories, chemical "contours" are being changed. Out of Petroleum, Oronite Research is leading the way toward the creation of important industrial chemicals. Out of Petroleum, new materials are emerging on the horizon of tomorrow... chemical forms which will give the industrial chemist new tools with which to accomplish his objectives.

Some of these Oronite products are already playing important roles in the progress of modern industry. Others will become available on a commercial scale only when reduction of war-time demands releases equipment and materials for their manufacture. Meanwhile, Oronite's research staff continues to develop new ways in which industry may utilize these chemical progenies of petroleum.

Your nearest Oronite Chemical Company office will, upon request, furnish a catalog of our present products. Some of these are today available only in limited quantities, but in due course this situation will change. Tomorrow, new Oronite Chemicals will be at your disposal and some may prove of value in shaping chemical contours in *your* particular industry.

These Oronite Products are Now in Commercial Production:

OROLIN* (Drying Oils)
OROPLAST*
(Rubber Plasticizers and Dispersing Agents)
WATERPROOFING COMPOUND
POLYBUTENES
CALODORANT*
(Natural Gas Odorant)
CRESYLIC ACIDS
NAPHTENIC ACIDS
ALIPHATIC ACIDS
SODIUM SULFONATES
WETTING AGENTS

ORONITE CHEMICALS

ORONITE CHEMICAL COMPANY

RUSS BUILDING, SAN FRANCISCO 4, CALIF.
30 ROCKEFELLER PLAZA, NEW YORK 20, N. Y.
WHITE-HENRY-STEWART BLDG., SEATTLE 1, WASH.
STANDARD OIL BLDG., LOS ANGELES 15, CALIF.

*Reg. U. S. Pat. Off.

Lead, stearate, bbls.....lb. .31 - .33
Sulphate (see Lead, White, basic sulphate).
Tallate, 16% Pb, 60-gal. dms.. lb. .08¾ -
Titanate, bgs., bbls., c.l., works, frt. alld..lb. .11 -
l.c.l., 5 tons, one delivery, E., frt. alld..lb. .11½ -
Pac. Cst., ex whse..lb. .11¼ -
l.c.l., smaller lots, E., frt. alld..lb. .11½ -
Pac. Cst., ex whse..lb. .11¾ -
White, basic carbonate, dry, bbls., c.l., dlvd. Ariz., Calif., Colo., Idaho, Mont., Nev., N. Mex., Ore., Utah, Wash., and Wyo..lb. .08¼ -
other points.....lb. .08¼ -
l.c.l., dlvd. Ariz., etc.lb. .08¾ -
other points.....lb. .08½ -
basic sulphate, dry, bbls., c.l., dlvd. Ariz., etc..lb. .07¼ -
other points..lb. .07¼ -
l.c.l., dlvd. Ariz., etc..lb. .08 -
other points.....lb. .07¼ -
in oil, consumers, kgs...lb. .13¾ - .15¾
dealers, 100-lb. kg.....lb. .11¼ - .11¾
painters, 100-lb. kg.....lb. .12¼ - .12¾
Lecithin, edible, dms., c.l.....lb. .25½ -
l.c.l. .....lb. .29 - .45
in cocoa butter, dms., c.l.....lb. .40½ -
l.c.l. .....lb. .41 - .54
pure vegetable, bots., 100-lb. lots..lb. 2.75 -
tech., dms., c.l.....lb. .26 -
l.c.l. .....lb. .26½ - .37½
Lemon peel, bls.....lb. .35 - .40
Licorice extract, mass, cns....lb. .25 - .73
powd., bbls.....lb. .60 - .88
root, natural, Indian, bls....lb. .08 - .09
powder, bbls.....lb. .14 - .15
Russian, bls.....lb. .08¼ - .09
Spanish, bls.....lb. .12 - .13
lignin extract, tanning grade, bgs., c.l., works..lb. .04 -
Lime, chemical (quicklime), lump or pebble, bulk, f.o.b.:—
Adams, Mass.....ton. 8.00 -
Annville, Pa.....ton. 7.50 -
Bellefonte, Pa.....ton. 7.50 -
Berkley, W. Va.....ton. 7.50 -
Carey, Ohio.....ton. 7.00 -
Cedar Hollow, Pa...ton. 8.50 -
Crab Orchard, Tenn.ton. 6.25 -
Eagle Mountain, Va.ton. 7.00 -
Farnams, Mass.....ton. 8.00 -
Gibsonburg, Ohio....ton. 7.00 -
Hannibal, Mo.....ton. 6.50 -
Keystone, Ala.....ton. 6.25 -
Knoxville, Tenn.....ton. 6.25 -
Limedale, Ark.....ton. 7.00 -
Longview, Ala.....ton. 6.25 -
Manistique, Mich....ton. 8.00 -
Martinsburg, W. Va.ton. 7.50 -
Menominee, Mich....ton. 8.00 -
Mitchell, Ind.....ton. 6.50 -
Newala, Ala.....ton. 6.25 -
Rincon, Cal.....ton.13.00 -
Ripplemead, Va.....ton. 7.00 -
Riverton, Va.....ton. 7.00 -
Rockland, Me. ....ton. 8.00 -
San Francisco, Cal..ton.13.00 -
Scioto, Ohio.....ton. 6.50 -
Springfield, Mo.....ton. 7.00 -
Woodville, Ohio.....ton. 7.00 -
York, Pa.....ton. 9.00 -
hydrated, paper bgs., f.o.b. Adams, Mass..ton. 9.00 -
Annville, Pa.....ton. 9.00 -
Bellefonte, Pa.....ton. 9.00 -
Berkley, W. Va.....ton. 9.00 -
Buffalo, N. Y.....ton.10.00 -
Carey, Ohio.....ton. 8.50 -
Cedar Hollow, Pa...ton. 9.00 -
Crab Orchard, Tenn.ton. 9.00 -
Eagle Mountain, Va.ton. 8.50 -
Farnams, Mass.....ton. 9.00 -
Gibsonburg, Ohio....ton. 9.00 -
Hannibal, Mo.....ton. 9.00 -
Keystone, Ala.....ton. 9.00 -
Knoxville, Tenn.....ton. 9.00 -
Le Roy, Minn.....ton.10.00 -
Lime Crest, N. J....ton. 8.50 -
Limedale, Ark.....ton. 9.00 -
Longview, Ala.....ton. 9.00 -
Louisville, Ky.....ton.14.50 -
Manistique, Mich....ton. 9.50 -
Marblehead, Ohio....ton. 9.50 -
Martinsburg, W. Va.ton. 9.00 -
Mitchell, Ind.....ton. 9.00 -
Newala, Ala.....ton. 9.00 -
Potoskey, Mich.....ton. 9.00 -
Port Island, Mich...ton. 9.00 -
Rapid City, S. D....ton.12.00 -
Ripplemead, Va.....ton. 9.00 -
Rockland, Me.....ton. 9.00 -
San Francisco, Cal...ton.16.00 -
Springfield, Mo.....ton. 9.00 -
Woodville, Ohio.....ton. 9.00 -
York, Pa.....ton. 9.00 -
Spray, paper bgs., f.o.b. Adams, Mass..ton. 9.50 -
Annville, Pa.....ton. 9.50 -
Bellefonte, Pa.....ton. 9.50 -
Carey, Ohio.....ton.11.00 -
Farnams, Mass.....ton.10.00 -
Gibsonburg, Ohio....ton.11.00 -
Lime Crest, N. J....ton. 9.00 -
Marblehead, Ohio....ton.11.00 -
Rockland, Me.....ton.10.00 -
Scioto, Ohio.....ton.10.00 -
Woodville, Ohio.....ton.11.00 -
York, Pa.....ton. 9.50 -
Lime-ammonia nitrogen,[6] 20.5% N, bgs., works..ton.32.50 -
Lime salts (see Calcium).
Linalool, cns.....lb. 7.00 -10.85
Linalyl acetate, cns.....lb. 4.50 -11.85
Linden with leaves, bls.....lb. .95 - 1.00
Linseed meal,[1] 34%, bulk, c.l.ton.45.00 -
32%, bulk, c.l.....ton.42.00 -
Litharge, com'l powd., bbls., c.l., dlvd. Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo. and E. of Cascade Mts. in Ore., and Wash..lb. .06¼ -
dlvd. other points.....lb. .08 -
...c.l., 5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash..lb. .08¾ -
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash..lb. .09¼ -
Colo., Mont., N. Mex., Wyo..lb. .09 -
Other points.....lb. .08½ -
smaller lots, dlvd. Ala., etc..lb. .09¾ -
Ariz., etc.....lb. .09¾ -
Colo., etc.....lb. .09½ -
Other points.....lb. .09 -
Lithium[6] bromide, bbls., 160 lbs., works, frt. equald..lb. 1.90 -
smaller lots, works.....lb. 1.93 - 1.95
Carbonate, NF, 250-lb. bbls., kgs..lb. 1.25 - 1.30
Chloride, jars .....lb. 1.65 - 1.70
Citrate, bbls., dms., kgs.....lb. 1.40 - 1.45
Fluoride, bbls.....lb. 2.45 - 2.60
Hydroxide, jars.....lb. 1.25 - 1.40
Iodide, 5-lb. bots.....lb. 5.20 -
25-lb. jars... .....lb. 5.05 -

Lithopone,[1] ordinary, bgs., l. (20 tons)..lb. .04¼ -
smaller lots.....lb. .04½ -
bbls., c.l. (20 tons.....lb. .04½ -
smaller lots.....lb. .04¾ -
titanated[6] (high-strength), bgs., c.l..lb. .0560 -
smaller lots.....lb. .0585 -
bbls., c.l.....lb. .0585 -
smaller lots.....lb. .0610 -
Lithopone, c.l., dlvd. Pac. Cst., ¼c. higher. l.c.l., ex whse. Pac. Cst., ½c. higher.
Liverwort leaves, bls.....lb. .70 - .75
Lobelia herb, bls.....lb. .40 - .42
Lobeline sulphate, bots., wks..oz.25.50 -38.00
Logwood, cryst., No. 1, bbls...lb. .28 -
No. 2, bbls.....lb. .26 -
extract, liquid, No. 1, bbls..lb. .14 -
No. 2, bbls.....lb. .13 -
No. 3, bbls.....lb. .12½ -
No. 4, bbls.....lb. .10 -
solid, No. 1, bxs.....lb. .23½ -
No. 2, bxs.....lb. .21½ -
Lovage root, dom., bls.....lb. .45 Nom.
imported, bls.....lb. 4.50 Nom.
Lupulin, NF, tins.....lb. 4.75 Nom.
Lycopodium, USP, cs.....lb. 5.00 - 5.25

M

Mace,[1] Amboyna, cs.....lb. .77 - .78
Banda, cs.....lb. .98 Nom.
West Indian, bgs.....lb. .65 - .66
Madder, Dutch, bbls.....lb. .24 - .30
Magnesia arsenate,[6,1] dms....lb. .153 - .16
Calcined, tech., USP, bbls., works..lb. .26 -
Carbonate, tech., Zone 1, c.l., bgs..lb. .06¼ -
bbls. .....lb. .07½ -
kgs. .....lb. .08¾ -

Magnesia carbonate, tech., l.c.l., bgs..lb. .07¼ -
bbls. .....lb. .08½ -
kgs. .....lb. .09¾ -
2. c.l., bgs.....lb. .06¾ -
bbls. .....lb. .07½ -
kgs. .....lb. .08¾ -
l.c.l., bgs.....lb. .07 -
bbls. .....lb. .08¼ -
kgs. .....lb. .09½ -
USP, Zone 1, c.l., bgs.....lb. .08 -
bbls. .....lb. .08½ -
kgs. .....lb. .09¾ -
l.c.l., bgs.....lb. .09 -
bbls, ...lb. .09½ -
kgs. .....lb. .10¾ -
Zone 2, c.l., bgs.....lb. .06¼ -
bbls. .....lb. .06½ -
kgs. .....lb. .09¾ -
l.c.l., bgs.....lb. .08¾ -
bbls. .....lb. .09¼ -
kgs. .....lb. .10½ -
Magnesia carbonate:—Zone 1—Conn., Del., D. of C., Md., Mass., N. J., N. Y., Pa., and R. I. Zone 2—Balance of U. S. Frt. alld. Forge. Freight allowed on l.c.l., incl., dlvd. storedoor Phillipsburg, Plymouth Meeting and Valley
Chloride, anhyd., bbls., dlvd..lb. .13 -
flake, bbls., c.l., works...ton.32.00 -
l.c.l., works.....ton.39.00 -42.00
Fluoride, bbls.....lb. .40 - .50
Hydroxide, med., bbls., dms., kgs..lb. .29 - .30
Hypophosphite, cns.....lb. 1.45 -
Laurate, bbls. .....lb. .32 - .35
Oxide (see Magnesia, calcined).
Peroxide 15%, dms., works...lb. 1.00 - 1.35
Phosphate, tribasic, USP, bbls., lb. .60 -
Silicate (see Talc).
Silicofluoride, bbls .....lb. .18 - .20

Magnesia stearate, bbls.....lb. .31 - .32
Sulphate (see Epsom salt).
Trisilicate, dms., 1,000-lb. contracts..lb. .37 -
smaller lots, dms. .....lb. .42 -
Magnesite, cal., powd., bags., f.o.b. mines, Calif..ton.58.75 -
dead-burned,[1] bulk, c.l., f.o.b. Chewelah, Wash..ton.22.00 -32.00
Malva flowers, black, bls.....lb. No stocks
blue, bls.....lb. No stocks
Leaves, bls.....lb. .40 - .55
Manaca root, bls.....lb. .24 - .25
Mandrake root, bls.....lb. .23 - .26
Manganese acetate, dms.....lb. .26½ -
Arsenate,[6] bgs.....lb. .12 - .13½
Borate, tech., bbls.....lb. .15 - .17
Carbonate, bbls.....lb. .19 -
Chloride, bbls.....lb. .14 Nom.
Dioxide, African, battery, 84-87% bbls., 28-40 tons, works..ton.74.00 -
5-15 tons, works..ton.77.00 -
smaller lots, works... ton.82.00 -
Caucasian, 85-90%, bbls., c.l., works..ton.74.00 -
l.c.l., 5 tons, works..ton.77.00 -
smaller lots, works..ton.82.00 -
85-90%, burlap bgs., c.l., works..ton.71.75 -
l.c.l., 5 tons, works..ton.74.75 -
smaller lots, works..ton.79.75 -
paper bgs., c.l., works..ton.70.00 -
l.c.l., 5 tons, works..ton.73.00 -
Glycerophosphate, 2 bgs., bbls., 1,000-lb. lots..lb. 3.05 -
100-lb. lots.....lb. 3.15 -
cns., 25 lbs.....lb. 3.27 -
Hydrate, bbls., dlvd.....lb. .82 -
Iodide, bots., 5 lbs.....lb. 5.70 -
jars, 25 lbs.....lb. 5.55 -
Linoleate, liquid, 4%, dms....lb. .20 -
solid, precip., 8.2%, bbls...lb. .22 -

formulators report excellent results with P-372 BECKOSOL in zinc chromate aircraft primer

For some time reports have been coming in on the performance of the RCI developed alkyd—P-372 Beckosol—as a basic in Zinc Chromate Primer for aircraft.

Enough data has now been assembled to show that this new alkyd, produced exclusively from domestic materials available in quantity, is a wholly satisfactory formulating agent—equal to wood oil alkyds in drying speed, water resistance and non-settling characteristics when pigmented, and considerably lower in cost.

Both for its possibilities as a basic in Zinc Chromate Primer as for its postwar potential in baked and air-dried exterior finishes, P-372 Beckosol merits closer acquaintance. Write direct to the Sales Department in Detroit for complete information.

RCI
WORLD-WIDE DISTRIBUTION

REICHHOLD CHEMICALS, INC.

ARMY NAVY

General Offices and Main Plant, Detroit 20, Michigan

Other plants: Brooklyn, New York • Elizabeth, New Jersey • South San Francisco, California • Tuscaloosa, Alabama • Liverpool, England • Sydney, Australia

SYNTHETIC RESINS • CHEMICAL COLORS • INDUSTRIAL PLASTICS • INDUSTRIAL CHEMICALS

Manganese naphthenate, 6% Mn, 50-gal. drms..lb. .16 - —
Resinate, fused, 3½%, bbls..lb. .09 - .10½
precip., drms.....lb. .14½- .15⅝
Soyate, 8.2% Mn, 50-gal. drms., lb. .22 - —
Sulphate, anhyd., drms., works, lb. .11¼- .11⅝
feed grade, 77-80%, bgs....lb. .05¾- .06⅛
fertilizer, 65%, $MnSO_4$, bgs., c.l., dlvd. East..ton.59.50 - —
l.c.l., bgs., same basis or f.o.b. Balto. and Cincinnati..ton.66.50 - —
industrial grade, 80% $MnSO_4$, bgs..lb. .05 - .05¼
Tallate, 4% Mn, 50-gal. drms., lb. .09 - —
Mangrove bark, if and when available, bgs., based on freight $19; insurance $2 per ton. Any difference for buyers' account. Current freight $18.20; WSA insurance $3.75 per ton..ton.63.00 - —
Manna flake, large, cs.....lb. No stocks
small, cs.....lb. No stocks
Mannitol,[8] com'l grade, hbls., works..lb. .35 - .40
reagent grade, 50-lb. cs. or multiples, works..lb. .85 - —
Manure, sheep, bgs., c.l., Midwest shipping points..ton.14.50 -20.00
kiln-dried, bgs., c.l., f.o.b. Chicago..ton.17.50 -25.00
Marjoram, dom., Calif., bls...lb. .70 - .72
Chilean, bls.....lb. .37½- .37¾
Matico leaves, bls.....lb. .22 - .20
Menthol, natural, Brazilian, cs., lb.16.50 - —
synthetic, USP, cs.....lb.13.00 - —
technical.....lb. 6.00 - 6.50
Menthyl salicylate, tins.....lb. 3.00 - 3.10
Mercurial ointment, USP, mild, 10%, tubs..lb. .70 - .72
30% pails.....lb. 1.37 - 1.39
50%, pails.....lb. 1.99 - 2.01
Mercury (see Quicksilver).
Ammoniated (see White precipitate).
Bichloride,[2] (see Corrosive sublimate).
Bisulphate,[2] bots.....lb. 2.87 - —
drms.....lb. 2.74 - 2.76
Chloride,[2] (see Calomel).
Cyanide,[2] cryst., powd.....lb. 3.80 - —
Iodide,[2] red, NF, bots.....lb. 4.51 - 4.56
drms., kgs.....lb. 4.45 - —
yellow, bots.....lb. 4.61 - 4.66
fib. drms., kgs.....lb. 4.55 - —
Nitrate ointment (see Citrine ointment).
Oxide,[2] red, NF (see Red precipitate).
tech. (see Red, mercury oxide).
yellow, NF VI, fib. drms...lb. 2.78 - 2.80
tech. (see Yellow, mercury oxide).
red,[2] NF (see Red, precipitate).
tech. (see Red, mercury oxide).
Mercury and chalk,[2] 5-lb. ctns.lb. 1.84 - 1.89
drms.....lb. 1.77 - 1.79
Mesityl oxide, drms., c.l., dlvd..lb. .11½- —
l.c.l., dlvd.....lb. .12 - —
tanks.....lc. .10½- —
Metal leaf, composition, 5½x5½ in..pkg. 3.00 - —
gold X+, deep, 23, 3⅜x3⅜ in. pkg.1c.00 - —
silver, 3⅜x3⅜ in.....pkg. 3.00 - —
Metanitroparatoluidine, bbls...lb. 1.05 - 1.10
Metaphenylenediamine, kgs....lb. .65 - —
Metatoluylenediamine, kgs.....lb. .70 - —
Methanol,[1,6] natural, all grades, drms., c.l., E. of Miss. R. gal. .65 - .66
l.c.l., same basis.....gal. .73 - .76
tanks, same basis.....gal. .60 - —
Inside prices on natural methanol are drums extra; outside, drums included. Prices W. of Miss. R. 3c. higher.
Methanol, synthetic,[3,6] drms., c.l., Zone 1, frt. alld..gal. .34½- —
2, frt. alld. or dlvd...gal. .36¼- —
3, frt. alld.....gal. .38¼- —
4, frt. alld.....gal. .40½- —
l.c.l., Zone 1, frt. alld. or dlvd..gal. .37 - —
3, frt. alld.....gal. .42½- —
3, dlvd. S. F. and L. A., gal. .41 - —
4, frt. alld. or dlvd...gal. .52½- .56¼
tanks, Zone 1, frt. alld....gal. .28 - —
2, frt. alld.....gal. .30 - —
3, frt. alld.....gal. .32 - —
4, frt. alld.....gal. .32½- —

Synthetic methanol sales zones are:—Zone 1, Conn., Del., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Penn., R. I., S. C., Tenn., Col., Fla., Ga., Kans., La., Miss., Neb., Vt., Va., W. Va., Wis.; Zone 2, Ala., Ark., N. D., Okla., S. D., Tex., Wyo.; Zone 3, Los Angeles, Cal., San Francisco, Cal., also (c.l. only), Portland, Ore., and Seattle, Wash.; Zone 4, Ariz., Cal., Idaho, Mont., N. Mex., Nev., Ore., Utah, Wash.

Methyl abietate, drms., c.l., dlvd., lb. .0722- —
c.c.l., 10-dm. lots, dlvd....lb. .0847- —
single drms., dlvd.....lb. .0947- —
smaller cont., dlvd.....lb. .1447- —
hydrogenated, drms., c.l., dlvd., lb. .1122- —
l.c.l., 10-dm. lots, dlvd...lb. .1247- —
single drms., dlvd.....lb. .1347- —
smaller cont., dlvd.....lb. .1847- —
Acetate, CP, 97-99%, drms., c.l., E. of Miss..lb. .10½- .12
W. of Miss.....lb. .11¼- .13
l.c.l., E. of Miss.....lb. .11 - .14
W. of Miss.....lb. .12 - .13¼
tanks, E. of Miss.....lb. .09¼- —
W. of Miss.....lb. .10¼- —
Methyl acetate, tech., drms., c.l., E. of Miss..lb. .07 - .09
W. of Miss.....lb. .08 - —
l.c.l., E. of Miss.....lb. .07¼- .11
W. of Miss.....lb. .08¼- .10¼
tanks, E. of Miss.....lb. .06 - —
W. of Miss.....lb. .07 - —
Acetoacetate, drms., c.l., works, frt. alld..gal. .29½- —
Acetone, natural, Group A, drms., c.l., E. of Miss., frt. alld..gal. .66 - —
l.c.l., same basis.....gal. .76 - —
tanks, same basis.....gal. .60 - —
Natural methyl acetone quoted drms., included by group A. Prices W. of Miss. R., 3c. per gal. higher.
group B, drms., c.l., Zone 1, frt. alld..gal. .63 - —
Zone 2, same basis.gal. .65 - —
Zone 3, same basis.gal. .67 - —
Zone 4, same basis.gal. .69 - —
drms., l.c.l., Zone 1, same basis..gal. .66 - —
Zone 2, same basis.gal. .83 - —
Zone 3, same basis.gal. .70 - —
Zone 4, same basis.gal. .83 - —
tanks, Zone 1, same basis, gal. .60 - —
Zone 2, same basis.gal. .62 - —
Zone 3, same basis.gal. .64 - —
Zone 4, same basis.gal. .64½- —

Natural methyl acetone quoted drums, extra by Group B, sales zones are:—Zone 1, Conn., Del., D. of C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., W. Va., Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kan., La., Miss., Neb., N. D., Okla., S. C., S. D., Tex., Wyo.; Zone 3, Los A., San Fran., Seattle, Wash., Portland, Ore.; Zone 4, Ariz., Cal., Idaho, Mont., N. Mex., Nev., Ore., Utah, Wash.

synthetic, drms., c.l., Zone 1, gal. .51 - —
Zone 2.....gal. .52 - —
Zone 3.....gal. .53½- —
Zone 4.....gal. .54½- —
l.c.l., Zone 1.....gal. .54½- —
Zone 2.....gal. .57 - —
Zone 3.....gal. .58 - —
Zone 4.....gal. .59½- —
tanks, Zone 1.....gal. .43 - —
Zone 2.....gal. .44½- —
Zone 3.....gal. .45½- —
Zone 4.....gal. .45¼- —

Synthetic methyl acetone sales zones are:—Zone 1, Conn., Del., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Penn., R. I., S. C., Tenn., Vt., Va., W. Va., Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kan., La., Miss., Neb., N. D., Okla., S. D., Tex., Wyo.; Zone 3, Los Angeles, Cal.; San Francisco, Cal.; also (c.l. only) Portland, Ore., and Seattle, Wash.; Zone 4, Ariz., Cal., N. Mex., Mont., Nev., Idaho, Ore., Utah, Wash.

Alcohol (see Methanol).
Anthranilate, 100-lb. lots....lb. 2.20 - 2.50
25-lb. lots, bots.....lb. 2.25 - 2.65
Benzoate,[8] cns.....lb. .70 - 1.10
Bromide, cns.....lb. .75 - .80
cyls.....lb. .65 - .75
Chloride, refrigeration, 500 lbs. and up machine mfrs. and jobbers, cylinders..lb. .32 - —
service men and consumers, cyl..lb. .36 - —
50 to 400 lbs., cyl., mach. mfrs. and jobbers..lb. .36 - —
service men and consumers, lb. .40 - —
tanks, multi-unit, machine mfrs. and jobbers..lb. .31 - —
service men and consumers, lb. .35 - —

Methyl chloride quotations are spot or contract, ship. point. Prices above are in 60, 90 and 180-lb. cylinders. Prices on the 30-lb. cylinders, uniformly 10c. per pound higher.

Cinnamate, cns.....lb. 1.50 - 4.00
Formate, drms.....lb. .89 - —
Lactate, drms., l.c.l., dlvd...lb. .70 - —
Iodide, bots.....lb. 4.00 - 4.15
Salicylate,[3] 500-lb. drms.....lb. .35 - —
25-50 lbs.....lb. .37 - .38
Methylamyl ketone, drms., cns., works..lb. .25 - .28
Methylcellulose, specl., vis. (4,000 cps.), fib. ctns., 2,000 lbs. or more, frt. alld..lb. .60 - —
100 to 1,999 lbs., frt. alld.lb. .65 - —
1 to 99 lbs., works.....lb. .70 - —
standard vis. (15-1,500 cps.), fib. ctns., 2,000 lbs. or more, frt. alld..lb. .55 - —
100 to 1,999 lbs., frt. alld., lb. .59 - —
1 to 99 lbs., works.....lb. .63 - —
Methylcyclohexane, 98-100%, drms., works..lb. .16 - —
Methylcyclohexanol, 98-100%, drms., works..lb. .22 - —
Methylcyclohexanone, 98-100%, drms., works..lb. No stocks
Methylene blue, medicinal, kgs., 100 lbs..lb. 2.00 - —
cns., 5 lbs.....lb. 2.35 - —
Chloride, refrig., drms., works.lb. .18 - .22
solvent, drms., works.....lb. .12 - .15
Methylethyl ketone,[6] drms., E. of Rocky Mts..lb. .09 - —
l.c.l., same basis.....lb. .09½- —
tanks, same basis.....lb. .08 - —
Methylhexyl ketone, drms., tech., works..lb. .60 - —
Methylisobutyl ketone,[6] drms., c.l., dlvd..lb. .12½- —
l.c.l., dlvd.....lb. .13 - —
tanks, dlvd.....lb. .11¼- —
Methylnaphthyl ketone, cryst., cns..lb. 3.00 - 3.10
Methylpentanediol, com'l, drms., l.c.l., works..lb. .20 - —
Metronite pigment (see Synthetic Resins and other. Branded Paint Materials list.)
Mica, dry grd.,[1] roofing, white, 20 mesh, bgs., c.l., f.o.b. works..ton.27.50 - —
l.c.l.....ton.32.50 - —
30-31 mesh, bgs., c.l..ton.27.50 - —
l.c.l.....ton.32.50 - —
40-45 mesh, bgs., c.l..ton.27.50 - —
l.c.l.....ton.32.50 - —
80 mesh, bgs., c.l.....ton.35.00 - —
l.c.l.....ton.38.00 - —
paint, plastic, 100 mesh, c.l., bgs..ton.40.00 - —
l.c.l.....ton.43.50 - —
wet-grd.,[1] biotite, c.l., bgs....lb. .03¾- —
l.c.l.....lb. .04¼- —
white, 1,000 mesh, bgs., c.l., lb. .03¾- —
paint or lacq., c.l., bgs....lb. .04¾- —
l.c.l.....lb. .05½- —
paper bgs., c.l.....lb. .04¾- —
l.c.l.....lb. .05½- —
rubber, c.l., bgs.....lb. .04½- —
l.c.l.....lb. .05 - —

Mica, dry grd., quoted works; wet grd. and 1,000-mesh mica in carload lots to frt. alld. E.; less carload lots ex whse. or frt. alld. E. Prices of the wet grd. are ¼c. per lb. higher W. of Miss R. and 1c. per lb. higher W. of Rockies.

Would you call this a synthetic horse-and-buggy?

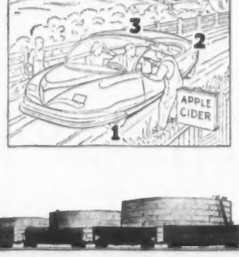
On the toughest testing grounds in history—today's battlefronts—men are already thinking of natural rubber as the *substitute* for the superior products of American industry. Thus do matter-of-fact miracles come into your life. In the world of tomorrow, many a product will relegate today's "genuine article" to the horse-and-buggy class.

GATX GENERAL AMERICAN

PART OF THE PICTURE OF AMERICA TOMORROW

1 *Your superior synthetic tires* — produced in a plant using fractionating towers made by General American Plate & Welding Division.

2 *High-octane gasoline* — shipped in GATX railroad tank cars; industry looks to General American to design and build cars for hard-to-handle commodities.



3 *Chemicals* for your car's lightweight plastic body — handled by GATX tank storage terminals, where industry stores bulk liquids safely, economically.

4 *Highway travel* — you may go in the relaxed comfort of a beautiful Aerocoach, a highway motor bus made by General American.

GENERAL AMERICAN TRANSPORTATION CORPORATION
CHICAGO

Milk powder,[6] skimmed,[1] roller, bulk, Zone A, bbls..lb. .12½- —
Zone B.....lb. .12¾- —
spray, bbls., bulk, Zone A, lb. .14½- —
Zone B .....lb. .14¾- —
Milk powder Zones are:—Zone A, all States not included in Zone B. Zone B, Conn., Del., D. C., Mass., Md., Me., N. J., N. H., N. Y., Pa., R. I., and Vt.
whole, roller, bbls.....lb. .35 - —
spray, bbls. .....lb. .36 - —
Milk sugar,[1] bbls., c.l., works..lb. .26 - —
l.c.l., works.....lb. .26¾- .27¼
Mineral spirits (see Petroleum, mineral spirits).
Molasses,[1,5] blackstrap, tanks, f.o.b. works, Area 1..gal. .18 - —
Area 2, same basis....gal. .18½- —
Area 3, same basis....ton.20.00 - —
Area 4, same basis....ton.24.20 - —
Area 5, same basis....ton.33.20 - —
Note—Area No. 1, Fla., Ga., La., Tex.; Area No. 2, Mass., Md., N. J., N. Y.; Area No. 3, Calif., Wash., Ore.; Area No. 4, Colo., Idaho, Kan., Mont., Neb. (excluding Grand Island area), S. D., Utah, Wyo.; Area No. 5, Grand Island, Neb., Ia., Ind., Mich., Minn., Ohio, Wis.
Molybdate orange (see Orange, molybdate).
Molybdenum metal,[1,6] kgs., 99% pwd..lb. 2.60 - 3.00
Trioxide,[6] pure, kgs., basis Mo. content, works..lb. .93 - —
technical, kgs., works.....lb. .80 - —
Monoamylamine, dms., basis 100%, c.l., works..lb. .61 - —
l.c.l., works.....lb. .64 - —
Monoamylnaphthalene, l.c.l., dms., works..lb. .17 - —
Monobutylamine, dms., basis 100%, c.l., works..lb. .48 - —
l.c.l., works.....lb. .51 - —
Monochlorobenzene, dms., c.l..lb. .06½- —
l.c.l. .....lb. .07 - .09
tanks .....lb. .05 - —
Monoethanolamine,[6] dms., c.l., works..lb. .24 - —
l.c.l., dms.....lb. .25 - —
tanks .....lb. .23 - —
Monoethylamine, basis 100%, dms., c.l., works..lb. .43 - —
l.c.l., works.....lb. .46 - —
Monoethylaniliin, dms.....lb. .47 - —
Monomethyl para-aminophenol-sulphate, dms..lb. 3.75 - 4.00
Monomethylamine, dms.....lb. .65 - —
Monosodium phosphate (see Soda phosphate, monobasic).
Morphine, bots., 5 ozs.....oz.11.10 - —
cns., 25 ozs.....oz.10.90 - —
Acetate, bots., 5 ozs.....oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —
Hydrobromide, 5 ozs.....oz. 8.95 - —
cns., 25 ozs.....oz. 8.75 - —
Hydrochloride, 5-oz. bots....oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —
Sulphate, bots., 5 ozs.....oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —
Morpholine, dms., 55 gals., l.c.l., works..lb. .67 - —
smaller containers, works....lb. .75 - —
Mullein leaves, cns.....lb. .12 - .13
flowers, cns.....lb. 1.75 - 2.10
Musk, nat., Tonquin, grains, bots. oz.40.00 -45.00
synth., ambrette, cns., 100 lbs. or more..lb. 4.00 - 9.00
25 lbs. to 75 lbs.....lb. 4.10 - 9.10
5 lbs.....lb. 4.25 - 9.45
ketone, cns., 100 lbs. or more.lb. 4.15 - 9.25
25 lbs. to 75 lbs.....lb. 4.25 - 9.35
5 lbs.....lb. 4.40 - 9.70
xylol, cns., 100 lbs. or more..lb. 1.40 - 2.50
25 lbs. to 75 lbs.....lb. 1.50 - 2.60
5 lbs.....lb. 1.65 - 2.90
Musk root, bls.....lb. 2.25 - 2.50
Mustard seed, Calif., brown, bgs. lb. .20¾- .21
Montana, brown, bgs.....lb. .11¾- .12
yellow, bgs.....lb. .10¾- .11¼
Washington, yellow, bgs....lb. .11¾- .12¼
Myrobalans,[6] J1, whole, bgs., frt. guar., insurance, $1.
Any difference for buyers account..ton.65.00 - —
crushed, same basis.....lb.75.00 - —
J2, whole, bgs., same basis.. ton.60.00 - —

N

Naphtha, painters (see Petroleum naphtha, V. M. & P.).
Solvent (see S).
Naphthalene, crude,[2,6] dom., 74°, bgs., c.l., frt. equald..lb. .03 - —
bbls., c.l., same basis...lb. .031 - —
tanks, same basis.....lb. .0275- —
78°, bgs., c.l., same basis, lb. .0325- —
bbls., c.l., same basis...lb. .0335- —
tanks, same basis.....lb. .03 - —
refined, balls, flakes, bbls., wholesalers and jobbers, works..lb. .08 - —
50-lb. cs., same basis....lb. .08¼- —
1-lb. pkgs., same basis...lb. .09¾- —
Neocinchophen, USP, dms.....lb. 7.00 - 7.10
Nepheline syenite, glass grade, 20 mesh, bulk, Rochester, N. Y..ton.12.00 - —
pottery grade, 200 mesh, bulk, Rochester, N. Y..ton.15.50 - —
Nepheline syenite in bgs. is priced $2 per ton above the bulk quotations.
Nerolin, crystl., cns.....lb. 1.70 - 2.00
Niacin (see Acid, nicotinic).
Nickel,[6] carbonate, bbls.....lb. .36 - .36½
Chloride,[6] bbls.....lb. .18 - .20
Cyanide,[6] bots., dms.....lb. 1.40 - 1.50
Oxide,[6] black, bbls.....lb. .35 - .38
Salt,[6] bbls.....lb. .13 - .13½
Nicotine[2] sulphate, 40%, dms., 50 lbs..lb. .7980- —
tins, 10 lbs.....lb. .90 - —
Nicotinamide,[6] dms.....kilo.13.25 -13.60
Niger seed, bgs.....lb. .20 - .21
Nikethamide, bots., cbys.....lb.18.00 -19.00
Nitercake, bulk, works.....ton.16.00 - —
Nitrobenzene, dbl. dist., dms., c.l., lb. .08 - —
l.c.l. .....lb. .09 - —
tanks .....lb. .07 - —
Nitrocellulose, ester-soluble, ¼, ½ sec., 30-35 cps., bbls., dry weight, l.c.l., works..lb. .26 - —
5-7, 15-20 cps. and higher, bbls., dry weight, l.c.l., works..lb. .25 - —
alcohol-soluble, ¼, ½ sec., 5-7, 30-35 cps., same basis..lb. .28 - —
5-7, 40-60 cps., same basis, lb. .27 - —
Nitrocellulose:—Denatured alcohol used in manufacture is charged extra. Barrels extra, but returnable.
Nitroethane, dms., l.c.l., wks..lb. .25 - —
Nitrogen,[6] solut., tanks, works, ports..ton N.121.58 - —
Nitrogenous process tankage,[1] bulk, producing plant..... unit-ton. 3.15 - 3.50
sewage sludge,[1] bulk, producing plant..unit-ton.2.60 + .40- 3.00 + .40
Nitromethane, dms., l.c.l., works, lb. .25 - —
Nitronaphthalene, bbls.....lb. .24 - .25
Nitropropane 1, dms., works..lb. .25 - —
II, dms., same basis.....lb. .25 - —
Nutgalls, Aleppo, bgs.....lb. .44 - .45
Chinese .....lb. .39 - .40
Nutmegs,[1] E. I., 80's, bgs....lb. .75 Nom.
West Indian, No. 1, bgs.....lb. .36½ Nom.
broken, bgs.....lb. .55 - .60
Nux vomica, bls.....lb. .09 - .11

O

Oakbark extract,[1,6] 25% tan., bbls., c.l., works..lb. No stocks
tanks .....lb. No stocks
Ocher (see Yellow)
Octane,[1] 100-140° C., industrial grade, dms., c.l., G.3..gal. .15½- —
l.c.l., G.3.....gal. .29 - —
10 gals., G.3.....gal. .55 - —
tanks, G.3.....gal. .13 - —
Octanol, normal,[6] tech., 380-lb. dms., dlvd..lb. .85 - —
Oil, almond, bitter, artfl. (see Benzaldehyde)
Bitter, F.P.A.....lb. 5.25 - 5.50
natural, USP, bots.....lb. Nominal
sweet, exp., dms., cns.....lb. 1.85 - 2.25
Angelica root, bots.....lb. No stocks
Seed, bots.....lb. No stocks
Anilin (see A).
Anise, USP, cns., dms.....lb. 3.75 - 4.00
Apricot kernel, cns.....lb. .56 - .60
Avocado, cns., dms.....lb. 1.00 - 1.25
Babassu,[1,5] tanks.....lb. .1110- —
Bay, W. I., 50-55%, cns....lb. 1.65 - 1.75
Puerto Rican, 55-60%, cns..lb. 1.65 - 1.95
Bergamot, artif., cns.....lb. 2.25 - 9.85
natural, Italian, coppers...lb.25.00 Nom.
Brazilian, cns .....lb.10.00 .10.25
Oil, birch (see Oil, sweet birch).
Birchtar, crude.....lb. 2.00 - 2.25
rectified, cns.....lb. 3.00 - 3.25
Bois de Rose, Brazil, cns....lb. 3.90 - 4.50
Mexican (see lignaloe wood).
Bone, dms., works.....gal. .65 - .70
Cade, USP IX (see Oil, juniper tar).
Cajeput, tech, dms.....lb. 1.65 - 2.25
redistilled, USP X, cns....lb. 1.95 - 2.50
Calamus, cns.....lb.22.50 -25.00
Camphor, sassafrassy, cns...lb. No stocks
white, cns.....lb. No stocks
Cananga, native, cns.....lb. 8.75 -10.00
rectified, cns.....lb.10.25 -11.00
Capsicum (oleoresin), USP VII, cns..lb. 4.50 - 4.65
Caraway, USP, cns.....lb. No price
Cardamom, bots.....lb.25.00 -28.00
Cassia, USP, cns.....lb.12.00 Nom.
Castor,[1] blown, dms., returnable, c.l..lb. .15¼- —
l.c.l. .....lb. .16 - —
cold pressed, USP, bbls., c.l.lb. .14 - —
cns .....lb. .15¾- .17¾
cns. .....lb. .13¾- —
dms., returnable, c.l....lb. .13¾- —
l.c.l. .....lb. .14¼- —
tanks .....lb. .13 - —
dehydrated, dms., c.l.....lb. .1790- —
l.c.l. .....lb. .1830- —
tanks .....lb. .1750- —
No. 3, tech., bbls., c.l.....lb. .13¾- —
l.c.l. .....lb. .14¼- —
dms., returnable, c.l..lb. .13¼- —
l.c.l. .....lb. .14¼- —
tanks .....lb. .12¾- —
Sulphonated, 50% (48% fat), dms., c.l..lb. .10 - —
l.c.l. .....lb. .11 - —
75% (63% fat), dms., c.l..lb. .12¾- —
l.c.l. .....lb. .13¼- —
80% (68% fat), dms., c.l..lb. .13¾- —
l.c.l. .....lb. .14¼- —
Oil, cedarleaf, tech., cns., dms., lb. 1.20 - 1.25
USP, cns., dms.....lb. 1.70 - 1.75
Cedarwood, dms.....lb. .70 - .80
Celery, bots.....lb.24.00 -26.00
Chaulmoogra, USP, cns.....lb. .60 - .70
Chinawood (see Oil, tung).
Cinnamon bark oil, bots.....lb.35.00 -40.00
leaf oil, dms.....lb. 1.50 - 1.85
Citronella, Ceylon, cns.....lb. 1.00 - 1.05
Java, cns.....lb. 2.75 Nom.
Clove, USP, cns.....lb. 1.55 - 1.60
Coconut,[1,5] Manila, crude, bulk, c.i.f., N. Y..lb. .0835- —
edible, ex tax, dms.....lb. .0985- —
Cod, Newfoundland, dms...gal. .90 - —
Codliver,[6] med., USP, 30-gal. bbls. or dms..bbl.80.00 -88.00
Coriander, bots.....lb.23.50 -35.00
Corn,[1,5] crude, tanks, works..lb. .12¾- —
ref'd, bbls.....lb. .15½ Nom.
Cottonseed,[1,5] cooking, bbls..lb. .16½- —
salad, bbls.....lb. .16 - —
Creosote (see C).
Croton, NF, cns.....lb. 3.00 - 4.00
Cubeb, USP, cns.....lb. No prices.
Crude (see Petroleum, crude).
Cumin, bots.....lb. 8.00 -10.00
Cypress, bots.....lb.12.00 - —
Degras (see D).
Dillseed, bots.....lb. 6.25 - 7.50
weed, bots.....lb. 5.15 - 6.00
Dip (see D).
Erigeron, cns.....lb. 2.25 - 2.40
Eucalyptus, cns.....lb. 1.00 - 1.18
Fennel, sweet, cns.....lb. 3.25 - 3.90
Fir, Canada, cns.....lb. 2.00 - 2.75
Fishliver,[1,5] dms., less than 40,000 A units per gram..... per million units. .14 - —
for each 1,000 additional A units up to 200,000 per gram..per million units. .001 - —
200,000 or more A units..... per million units. .80 - —

Spencer Kellogg and Sons, Inc.
announce
KELAPOL
FOR HARD-DRYING, ALKALI-PROOF VARNISHES

1 Navy specification 52-V-17 calls for a varnish prepared with equal parts of a paraphenyl phenol resin, alkali-refined linseed oil and Chinawood oil reduced with specified solvents. This varnish is expected to dry hard in eight hours, resist boiling water for seven hours and must not be affected by a 5% caustic solution for seven hours.

2 KELAPOL, replacing Chinawood oil in the above formulation, yields a varnish possessing all the qualities and properties to meet all the severe requirements of 52-V-17. The KELAPOL varnish films dry in between four and five hours, resist boiling water for seven hours and are not affected by a 5% caustic solution for over ten hours.

3 KELAPOL will be found to be strikingly advantageous when used in combination with limed rosin and ester gum. In the process of compounding these gums with KELAPOL, extremely fast bodying occurs and splendid viscosity is retained after reduction with solvents. The resulting fast-drying films are remarkably alkali-proof. A 25-gallon length ester gum varnish will dry in about four hours and resist 5% alkali solutions for nearly three hours!

4 KELAPOL possesses to a very great extent the fast-bodying property of Chinawood oil. In this respect, the fact that KELAPOL is easily controlled at high temperatures will be highly appreciated by the varnish chemist. KELAPOL must not be bodied or prebodied before being compounded into a varnish. It will work equally well with all types of modified phenolics.

5 Spencer Kellogg and Sons, Inc., is confident that KELAPOL will prove a highly valuable asset to the various industries where heretofore Chinawood oil was indispensable.

Keep Buying War Bonds
SPENCER KELLOGG and Sons, Inc.
BUFFALO 5, N. Y.

Oil, fuel (see Petroleum, fuel oil).
Gaultheria (see Oil, wintergreen leaf).
Geranium, Algerian, cns.....lb.13.00 -15.75
Bourbon, cns.....lb.14.00 -16.50
Russian, cns.....lb.16.50 - —
Turkish (see Oil, palmarosa).
Grapefruit, cns.....lb. 2.00 - 2.10
Ginger, dist., bots.....lb.20.00 - —
Hemlock, cns.....lb. 1.30 - 1.40
Juniper berry, cns.....lb.12.00 -16.00
wood, tech., cns.....lb. 1.00 - 1.35
Juniper tar, USP, dms.....lb. 1.00 - 1.35
Lard,[6] common, 1 bbl.....lb. .14 - —
extra, No. 1, bbls.....lb. .14½- —
winter, strained, bbls....lb. .15 - —
prime, burning, bbls.....lb. .16 - —
ined., bbls.....lb. .15½- —
Laurel, bots.....lb. No prices
Lavandin, cns., 25 lbs.....lb. 8.00 - —
Lavender flower, French, cns., lb. 7.50 -16.00
Russian, cns.....lb.11.00 -11.50
garden, cns.....lb. .55 - .75
spike, Spanish, pure, cns..lb. 3.50 - 4.00
tech., cns.....lb. 2.75 - 3.00
Lemon, Calif., cns.....lb. 3.25 - —
Messina, coppers, cns.....lb. No stocks
Terpeneless.....lb.25.00 -30.00
Lemongrass, cns., dms.....lb. 1.40 - 1.50
Lignaloe wood, Brazilian (see Bois de rose).
Mexican, seed, cns.....lb. No stocks
wood, cns.....lb. 3.25 - 3.38
Lime, dist., Jamaica, cns...lb. 6.50 - 7.50
Mexican, cns.....lb. 6.00 - 6.50
expressed, Jamaica, cns....lb.11.00 -12.50
Linseed, raw, dms., c.l.....lb. .1510- —
10 or more.....lb. .1550- —
5 to 9.....lb. .1570- —
1 to 4.....lb. .1610- —
tankcar.....lb. .1470- —
tankwagon.....lb. .1490- —
Boiled linseed oil, .004 over raw.
Linseed replacement, dms...gal. 1.13½- 1.21¼
tankcar.....gal. 1.10¼-

Oil, lubricating,[1] at refinery, ex tax, California, neutrals, pale, 200-800 vis., 2¼-4, tanks..gal. .07¼- .11
red, 200-900 vis., 4-6½ plus tanks..gal. .07¼- .11½
Group 3, bright stock, 150-160 vis., 0-25 pour, tanks, gal. .22½- .23
300 vis., No. 3 col., 0-10 pour, tanks..gal. .14½- .15
200-280 vis., No. 3 col., 15-25 pour, tanks..gal. .15 - .17½
140-150 vis., No. 8 color, 10-25 pour, tanks..gal. .24 - .26
cylinder oils, 600-630 flash, tanks..gal. .16 - .17
600-650 steam ref'd, tanks..gal. .15 - .15½
neutral, 70° F., No. 3 color, 150 vis., 0-25 pour, tanks..gal. .23½- .30½
200 vis., 0-25 pour, tanks..gal. .32 - .32½
Mace, dist. cns., dms.....lb. No prices
Mandarin, Brazilian, cns....lb. 8.75 - 9.00
Italian, coppers.....lb.11.50 -15.00
Menhaden,[1,5] crude, tanks, Baito..lb. .0890- —
light-pressed, ret. dms.....lb. .1208- .1210
tanks.....lb. .1225- —
ref'd, alkali, ret., dms.....lb. .1308- .1310
kettle-bodied, ret., dms.....lb. .1408- .1410
Mineral, white (see Oil, white mineral).
Mustard, artif., USP, cns...lb. 1.60 - 1.70
Mustard seed,[5] exp., dms....lb. .14¾- —
Neatsfoot,[4] 15°, c.l., bbls...gal. 1.90 - —
20°, c.l., bbls.....gal. 1.80 - —
30°, c.l., bbls.....gal. 1.60 - —
pure, bbls.....lb. .18¼ Nom.
Neroli, bots.....lb.220.00 -275.00
Haitian, dms.....lb.240.00 - —
Nutmeg, dist., cns., dms.....lb. No prices
Officica,[1] liquid, dms.....lb. .22 - .23
tanks.....lb. .21 - .21¼

Oil, oleo,[5] 1, bbls.....lb. .13¾ Nom.
Olibanum, bots.....lb. 5.00 - —
Olive, denat., dms.....gal. No stocks
edible,[1] Calif., ½%-3% f.f.a., dms..gal. 4.30 - 4.80
imported, dms.....gal. No stocks
foots, dms.....lb. No stocks
sulphonated, 50% (40% fat), dms., c.l..lb. No prices
l.c.l.....lb. No prices
85% (68% fat), dms., c.l..lb. No prices
l.c.l.....lb. No prices
80% (65% fat), dms., c.l..lb. No prices
l.c.l.....lb. No prices
Orange, sweet, dist., cs.....lb. .75 - —
expressed, Brazilian, cns...lb. 1.25 - 1.40
Calif., cns.....lb. 1.15 - 1.50
Florida, cns., dms.....lb. .85 - 1.25
Messina, USP, coppers..lb. No stocks
West Indian, cns.....lb. 4.50 - 5.00
sequiterpeneless, bots....lb.97.00 -100.00
Origanum, Spanish, cs.....lb. 2.40 - 2.75
Palm,[1,5] Niger, dms.....lb. .0865- —
Palmarosa, cns.....lb. 4.25 - 5.50
Paraffin,[1] 300° flash, 100-110 vis., tanks, G.3..gal. .05¾- —
320° flash, 60-75 vis., tanks, same basis..lb. .05¼- —
350° flash, 70-80 a 100 vis., 0/10 pour..gal. .08 - —
80-85 vis., 0/10 pour, bbls., extra, Ind. refy..gal. .12 - —
100-100 vis., 0/10 pour, same basis..gal. .08½- —
10/25 pour, same basis..gal. .08¾- —
100-105 vis., 0/10 pour, same basis..gal. .14 - —
Patchouli, cns.....lb.10.00 -11.00
Peanut,[1,5] crude, tanks, mill. lb. .13 - —
refd., tanks, dlvd. N. Y....lb.14.64 -15.01
hydrog., tanks, dlvd. N. Y., lb. .1373- .1378
Pennyroyal, dms., cns.....lb. 3.00 - 4.10
import, cns.....lb. 3.00 - 3.25
Peppermint, natural, dms...lb. 6.00 Nom.
redist., USP, cns., dms.....lb. 6.35 Nom.

Oil, perilla, crude, dms.....lb. No stocks
Petitgrain, Paraguay, cns., dms. lb. 1.45 - 1.65
Pimento, berry, dms.....lb. 8.00 - —
Leaf, cns.....lb. 5.25 - —
Pine,[1,6] ret., dms., c.l., dlvd. E. gal. .63 - —
l.c.l., ret., dms., dlvd. E. gal. .73 - —
tanks, South.....gal. .55 - —
Pineneedle, cns.....lb. 3.25 - 3.50
Putty,[5] bbls., E. Segundo, Richmond, Cal..gal. .22½- —
contracts.....gal. .19½- —
dms., c.l., Whiting, Ind...gal. *.34 - —
Boston, Providence....gal. .25 - —
l.c.l., same basis.....gal. .27 - —
tanks, same basis.....gal. .18 - —

* Extra for bbls. but subject to quantity discounts, ranging from 2c. to 5c. per gallon, according to amount purchased.

Rapeseed,[1,5] denat., bulk, c.i.f. N. Y..lb. .1150- —
Red,[5] dms., dlvd.....lb. .13¼- .14¾
tanks, dlvd.....lb. .12½- —
Rose, natural, coppers.....oz.30.00 -40.00
Rosemary, Spanish, cns., dms.lb. 1.85 - 2.00
Rosin, 1st rectified, dms...gal. .66 - —
2d rectified, dms.....gal. .68 - —
3d rectified, dms.....gal. .72 - —
Rue, bots.....lb. 8.25 -10.00
Sage, Spanish, cns.....lb. 3.50 - 5.50
Sandalwood, NF, dist., cns..lb. 6.75 - —
Mysore, cns., case lots....lb. 7.00 - 7.25
Sardine, crude,[1,5] tanks, Pac. Coast..lb. .0890- —
light-pressed, ret. dms...lb. .128 - .13
tanks.....lb. .1225- —
ref'd, alkali, ret. dms....lb. .138 - .14
kettle-boiled, ret. dms....lb. .1480- .1500
Sassafras, artif., cns.....lb. 1.25 - 1.40
natural, cns., dms.....lb. 1.90 - 2.00
Savin, cns.....lb. No prices
Savory, cns.....lb. 8.00 - —
Sesame,[15] tanks.....lb. .1490- —
Shingle stain, bbls., c.l., works, gal. .19 - —
l.c.l., works.....gal. .20 - —
tanks, works.....gal. .14 - —
Snake root, Canada, cns.....lb. No prices
Soybean,[1,5] cr., tank, mill..lb. .1175- —
clarif., dms.....lb. .1290- .1346
tanks.....lb. .1250- —
refd., varnish, dms.....lb. .1380- .1400
tanks.....lb. .1340- —
Spearmint, dms.....lb. 4.00 Nom.
Sperm,[6] bleach, 38°, dms....lb. .1443- —
natural, 45°, dms.....lb. .1310- —
Spruce, cns., dms.....lb. 1.30 - 1.40
needle, cns.....lb. 3.00 - 3.25
Sunflower seed,[1,5] tanks...lb. .1430- —
Sweet birch, North, cns.....lb. 4.00 - 5.00
South, cns.....lb. 2.50 - 3.75
Tall, crude, dms., c.l., works, ton.53.65 -55.00
l.c.l., works.....ton.58.65 -61.65
tanks, works.....ton.40.00 -45.00
refined, dms., c.l., works..lb. .05 - —
l.c.l., works.....lb. .05½- —
tanks, works.....lb. .04½- —
Tallow,[5] acidless, bbls.....lb. .14¼- —
tanks.....lb. .13¾- —
Tansy, cns.....lb. 3.70 - 4.00
Tar,[1] pine, dms., c.l., dlvd. E. cities..gal. .32¾- —
l.c.l., f.o.b. works.....gal. .29¾- —
pine, tanks, dlvd. E. cities, gal. .27 - —
rect., USP, bbls.....gal. .60½- —
Tar acid (see T).
Thyme, NF, red, cns.....lb. 2.50 - 3.50
white, cns.....lb. 2.65 - 4.00
Tung,[1,5] dms.....lb. .39 - —
tanks.....lb. .38¾- —
Turkey red (see Castor, sulphorated).
Turpentine (see T).
Vetiver, Java, bots.....lb.50.00 Nom.
Whale,[6] ref., natural, dms...lb. .1187 Nom.
winter, bleach, dms.....lb. .1232 Nom.
Wheat germ, dms.....gal.10.00 -13.50
White, mineral, tech., 50-60 vis., gms., c.l..gal. .36 - —
l.c.l.....gal. .42 - .45
65/75 vis., c.l.....gal. .36 - —
l.c.l.....gal. .42 - .45
USP, 80/90 vis., dms., dm. charges not included, c.l..gal. .39 - —
l.c.l.....gal. .45 - .48
95/105 vis., dms., c.l....gal. .44½- —
l.c.l.....gal. .50½- .53¼
125/135 vis., dms., c.l..gal. .49 - —
l.c.l.....gal. .55 - .58
145/155 vis., dms., c.l..gal. .51 - —
l.c.l.....gal. .57 - .60
175/185 vis., c.l.....gal. .54¼- —
l.c.l.....gal. .60½- .63¼
200/210 vis., c.l.....gal. .58 - —
l.c.l.....gal. .64 - .67
320/350 vis., c.l.....gal. .65 - —
l.c.l.....gal. .71 - .74
335/345 vis., c.l.....gal. .66 - —
l.c.l.....gal. .72 - .75
f.o.b. San Francisco, 55 vis., returnable bbls., c.l., gal. .40 - —
5 bbls.....gal. .45 - —
85 vis., c.l.....gal. .40 - —
5 bbls.....gal. .45 - —
100 vis., c.l.....gal. .49½- —
5 bbls.....gal. .54½- —
145 vis., c.l.....gal. .57 - —
5 bbls.....gal. .62 - —
180 vis., c.l.....gal. .60¼- —
5 bbls.....gal. .65½- —
340 vis., c.l.....gal. .72 - —
5 bbls.....gal. .77 - —
Wintergreen, nat., North, cns. lb. 6.50 - 8.50
South, cns.....lb. 4.00 - 4.25
synthetic (see Methyl salicylate).
Wood (see Oil, chinawood).
Wormseed, cns.....lb. No prices
Wormwood, cns.....lb. 5.00 - 5.75
Ylang-ylang, Bourbon, bots..lb.11.00 -14.50
Oiticestearin,[5] bbls.....lb. .1054- —
Olivine, aggregate, c.l., mines, ton. 7.00 -11.00
crushed, 8 mesh, bulk, c.l., works..ton. 8.00 - —
paper bgs., c.l., works..ton. 9.50 - —
200 mesh, c.l., mines.....ton.17.00 - —
100 mesh, c.l., mines.....ton.15.00 - —
20 mesh to dust.....ton.12.00 - —
lumps, same basis.....ton. 7.00 - —
spalls, same basis.....ton. 5.00 - —
Opium gum, USP, cns., 50-lb. lots..lb.13.00 - —
25-lb. lots, cns.....lb.13.25 - —
smaller lots, cns.....lb.13.50 -13.65
Prices on powd. and gran. USP opium are $1.50 per pound higher.
Orange, dinitroaniliu toner,[1,5] lb. 1.05 - —
Lake, Persian,[1,5] bbls.....lb. .30 - .45
Mineral, Amer., bbls., 5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash..lb. .12¼- —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash. lb. .12¾- —
Colo., Mont., N. M., Wyo..lb. .12½- —
dlvd. other points.....lb. .12 - —
smaller lots, dlvd. Ala., etc..lb. .12¾- —
Ariz., etc.....lb. .13¼- —
Colo., Mont., N.M., Wyo., lb. .13 - —
Other points.....lb. .12½- —

A properly made, fairly priced and full strength perfume raw material is the only sure basis of consumer satisfaction.

The perfume raw material manufacturer who operates on this policy works on a small margin of profit to give you an honest product fairly priced.

Products which are available to the perfumer at reasonable prices:

Phenyl Ethyl Alcohol
Methyl Naphthyl Ketone Crystals
Hydratropic Aldehyde
Para Methyl Hydratropic Aldehyde
Alpha Amyl Cinnamic Aldehyde
Phenyl AcetAldehyde DiMethyl Acetal
Cinnamic Alcohol

Aromatics Division
GENERAL DRUG COMPANY
644 Pacific St., Brooklyn, N. Y.
9 S. CLINTON STREET, CHICAGO
1019 ELLIOTT STREET, W., WINDSOR, ONT.

Orange, molybdate,[1,8] bbls....lb. .41 - —
Orthonitroaniliu toner,[4] kgs., works..lb. .80 - —
Toner, bbls.....lb. .80 - 1.05
Orange peel, bitter, bbls.....lb. .30 - .31
Haitian, bgs.....lb. .13 - .14
sweet, bls.....lb. .15 - .16
Orangeflower petals, cs.....lb. .45 - .75
Oregano, Mexican, curly leaf, bgs..lb. .12½- .13
flat leaf, bgs.....lb. .12½- .12½
Orris root, African, bls.....lb. .80 - .85
powd., bbls., bxs.....lb. .85 - .90
Portuguese, bls.....lb. .45 - .46
Verona, bls.....lb. 1.25 - 1.30
Orthoamylphenol, dms., works.lb. .25 - —
Orthoanisidine, bbls.....lb. .70 - —
Orthochloroaniliu, dms.....lb. .60 - .70
Orthochlorophenol, dms.....lb. .32 - —
Orthocresol,[3,8] 30.4°C. Min. M.P., dms., c.l., works..lb. .17½- .18
l.c.l., same basis.....lb. .18 - .18½
29.0°C, Min. M.P., dms., c.l., works..lb. .16½- .17
l.c.l., same basis.....lb. .17 - .17½
Orthodichlorobenzene, dms., c.l., works, frt. alld. E. of Rockies, lb. .07 - —
l.c.l., same basis.....lb. .08 - —
Orthodichlorobenzene, tanks, same basis..lb. .06½- —
Orthochlorobenzene prices west of Rockies 1c. per lb. higher.
Orthonitroaniliu, dms.....lb. .45 - —
Orthonitrochlorobenzene, dms..lb. .15 - .18
Orthonitroparachlorophenol, cns., lb. .75 - —
Orthonitrotoluene, dms.....lb. .09 - —
Orthophenetidin, dms.....lb. .42 - —
Orthotoluidin, dms.....lb. .19 - —
Osage orange, crystals, bbls...lb. .23 - —
extract, No. 1, bbls.....lb. .11 - —
No. 2, bbls.....lb. .10 - —
Oxyquinolin sulphate, cns., 100 lbs., works..lb. 3.50 - —
smaller lots.....lb. 3.75 - 4.15

P

Papain, powd., cs.....lb. 2.50 - 3.25
Papaverine hydrochloride, NF, natural, cns., 100-oz. lots.oz. 7.00 - —
smaller lots.....oz. 7.05 - 7.25
Sulphate, natural, cns.....oz. 7.10 - 7.35
Paprika,[1] Chilean, bgs.....lb. .30½- .31
Portuguese, choice, bgs.....lb. .39½- .40
extra fancy, bgs.....lb. .38½- .38¾
good, bgs.....lb. .36 - .37
Spanish, fancy, bgs.....lb. .45 - .50
good bgs.....lb. .36 - .37
fair, bgs.....lb. .32 - .33
Para-anisidin, dms., works....lb. .75 - —
Parachlorophenol, dms., wks..lb. .32 - —
Paracresol,[8] bbls., f.o.b. wks..lb. .41 -
Paracymene, dms., c.l., works.lb. .1595- —
l.c.l.....lb. .1645- —
tanks.....lb. .1545- —
Paradichlorobenzene, dms., c.l., works..lb. .11 - .13
l.c.l., same basis.....lb. .12½- .15
Paraffin, crude scale, white or yellow, 122-124 AMP, bbls., c.l., refinery..lb. .04¼- —
fully ref'd, slabs, loose, 120-122 AMP, c.l., refinery..lb. .05 - —
123-125 AMP, same basis. lb. .0520- —
125-127 AMP, same basis. lb. .0520- —
128-130 AMP, same basis. lb. .0560- —
130-132 AMP, same basis. lb. .0585- —
131-133 AMP, same basis. lb. .0585- —
133-135 AMP, same basis. lb. .0615- —
135-137 AMP, same basis. lb. .0640- —
138-140 AMP, same basis. lb. .0715- —
143-145 AMP, same basis. lb. .0810- —
149-151 AMP, same basis. lb. .1050- —
Prices in bags 4/10c. per lb. higher than those for slabs loose.
Paraformaldehyde,[2,3] dms., 1,000 lbs. or more, works..lb. .23 - —
100 to 900 lbs., works.....lb. .24 - —
Paraldehyde, tech., 98%, 50 and 110-gal. dms., l.c.l., works.lb. .12 - —
and 10-gal. dms., works..lb. .15 - —
USP, cns., cbys.....lb. .35 - .45
Paranitroaniliu, kgs., works....lb. .43 - .45
Paranitrochlorobenzene, kgs., works..lb. .15 - —
Paranitrophenol, kgs.....lb. .35 - —
Paranitrotoluene, kgs., works..lb. .30 - —
Paraphenylenediamine, tech., lb. 2.00 - —
Paratoluenesulphonamide, bbls.lb. .70 - —
Paratoluidin, bbls., works.....lb. .45 - —
Pareira brava root, bls.....lb. No stocks
Paris green,[1] dealer, dms., kgs., c.l., works, frt. alld..lb. .20 - .25
l.c.l., same basis.....lb. .21 - .30
Passion flower herb, bls.....lb. .15 - .16
Patchouli leaves, bls.....lb. .34 - .35
Pectin, bbls.....lb. .85 - —
Pellitory root, bls.....lb. .65 - .70
Penicillin,[9] ampules, per 100,000 units. 3.25 - —
Pennyroyal leaves, bls.....lb. .15 - .16
Pentachlorophenol, dms., works, lb. .30 - .35
Pentaerythritol,[4] CP, bbls., dlvd. lb. .75 - —
less than barrel lots.....lb. 1.00 - —
tech., bbls., c.l., works....lb. .20 - —
bbls., l.c.l., works.....lb. .33 - —
Tetra-acetate, bbls., dlvd....lb. 1.00 - —
less than barrel lots.....lb. 1.50 - —
Pentane,[1] 28°-38° C., industrial grade, dms., c.l., Group 3, gal. .11 - —
l.c.l., Group 3.....gal. .19 - —
tanks, Group 3.....gal. .07¼- —
laboratory grade, dms., c.l., gal. .16 - —
l.c.l.....gal. .29 - —
10 gal.....gal. .55 - —
Pepper, black,[1] 15 tons, bgs...lb. .0665 Bid
50 to 100 bgs.....lb. .0705 Bid
white,[1] 15 tons, bgs.....lb. .1161 Nom.
24 bgs.....lb. .1295 Nom.
red, chillies, Carolina, longs, bgs..lb. .30 - .31
sports, bgs.....lb. .50 - .52
Louisiana, sports, bgs ..lb. .50 - .52
Mombassa, bgs.....lb. .22½- .23
Niger, fair, bgs.....lb. .18½- .19
Sierra Leone, bgs.....lb. .22½- .23
Peppermint, USP, bls.....lb. .60 - .70
import, bls.....lb. .90 Nom.
Perchloroethylene,[6] dms., c.l., works, frt. alld., Zone 1..lb. .0782- .0800
l.c.l., same basis.....lb. .0832- .0850
Zone 2, dms., c.l., works, frt. alld..lb. .0832- .0850
l.c.l., same basis.....lb. .0882- .0900
Zone 3, dms., c.l., works, frt. equald..lb. .0832- .0900
l.c.l., same basis.....lb. .0932- .0950

Perchloroethylene, Zone 4, dms., c.l., f.o.b. stock point..lb. .0882- .0900
l.c.l., same basis.....lb. .0932- .0950
Perchloroethylene zones are:—(1) Conn., Del., Ill., Ind., Ia., Ky., Me., Md., Mass., Mich., Minn., Mo., Neb. (Omaha), Kans. (Kansas City), N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., W. Va., Wis.; (2) Ala, Ark., Fla., Ga., Kans., La., Miss., Neb., N.D., Okla., S.C., S.D.; (3) Col., Mont. (E), N.M., Tex., Wyo.; (4) Ariz., Cal., Idaho, Mont. (W), Nev., Ore., Utah, Wash.
Peru balsam, dms.....lb. 1.25 - 1.30
Petrolatum, tech., dark, bbls., Group 3, c.l..lb. .021 - —
golden Topax, bbls., c.l.....lb. .032 - —
l.c.l.....lb. .036 - —
red, veterinarian, bbls., c.l..lb. .024 - —
l.c.l.....lb .028 - —
USP, amber, fiber dms., c.l..lb. .03½- —
l.c.l.....lb. .04½- —
extra amber, fib. dms., c.l..lb. .03¾- —
l.c.l.....lb. .04¾- —
cream, c.l., fib. dms.....lb. .05 - —
l.c.l.....lb. .06¼- —
yellow, soft, c.l., fib. dms..lb. .03½- —
l.c.l.....lb. .04½- —
white, lily, c.l., fib. dms..lb. .05¾- —
l.c.l.....lb. .07¼- —
snow, c.l.....lb. .06¼- —
l.c.l.....lb. .08 - —
soft, c.l.....lb. .05¼- —
l.c.l.....lb. .06¾- —
Petroleum, crude, bulk, at wells, California, heavy grades..bbl. .93 - 1.01
Illinois.....bbl. 1.37 - —
Kentucky, Union County..bbl. 1.32 - 1.37
Louisiana-Arkansas.....bbl. .86 - 1.20
Oklahoma-Kansas.....bbl. .85 - 1.25
Pennsylvania.....bbl. 1.31 - 3.00
Texas, Gulf Coast.....bbl. 1.06 - 1.36
North, North-Central.....bbl. 1.01 - 1.25
West.....bbl. .70 - 1.12
Panhandle.....bbl. 1.10 - 1.22
Wyoming.....bbl. 1.12 - —

Petroleum ether, laboratory grade, 30-60° C., dms., c.l., Group 3..gal. .18 - —
l.c.l.....gal. .29 - —
10 gals.....gal. .55 - —
35-60° C., dms., c.l.....gal. .29 - —
10 gals.....gal. .55 - —
40-75° C., dms., c.l.....gal. .16 - —
l.c.l.....gal. .29 - —
10 gals.....gal. .55 - —
Fuel oil, furnace, tanks, at refinery:—
Arkansas, No. 1.....gal. .04 - —
Nos. 2 and 3.....gal. .03½- —
California, heavy....bbl. 1.10 - —
light.....bbl. 1.20 - —
diesel, tanks.....gal. .04 - —
stove dist.....gal. .05 - —
Group 3, No. 3.....gal. .03½- —
Group 3, No. 5.....bbl. .85 - —
No. 6.....bbl. .80 - .85
Kansas, No. 6.....bbl. .85 - .90
Oklahoma, No. 2.....gal. .03¾- —
No. 6.....bbl. .90 - —
14-16.....bbl. .97 - —
Pennsylvania, No. 1..gal. .06¾- .07⅝
No. 2.....gal. .06¾- .0805
No. 3.....gal. .06¾- .07⅝
bunker, Baltimore, Md....bbl. 1.65 - 1.77
Boston, Mass.....bbl. 1.65 - 1.77
Charleston, Mass.....bbl. 1.60 - —
Houston, Tex.....bbl. .85 - .97
Jacksonville, Fla.....bbl. 1.60 - —
New Orleans, La.....bbl. .85 - .97
New York, N. Y.....bbl. 1.65 - 1.87
Norfolk, Va.....bbl. 1.65 - —
Philadelphia, Pa.....bbl. 1.65 - —
Portland, Me.....bbl. 1.65 - —
Port Arthur, Tex.....bbl. .85 - .97
Port Tampa, Fla.....bbl. 1.55 - —
Providence, R. I.....bbl. 1.65 - —
Savannah, Ga.....bbl. 1.60 - 1.77
Texas City, Tex.....bbl. .85 - .97

Petroleum, lacquer diluent, at refinery:—
California, 100 l.b.n., 200 e.p., tanks, dlvd. Los Angeles, gal. .11 - —
Fort Wells, Wash.....gal. .12 - —
San Francisco....gal. .11½- —
Willbridge, Ore...gal. .12 - —
East Coast, N. J., N. Y., tanks..gal. .11½- —
gal. .07⅞- —
Group 3, benzol type, tanks, toluol type, tanks.....gal. .07⅝- .07⅛
Mineral spirits, at refinery, California (f.o.b. San Francisco), 163-252 b.r., tanks, gal. .10½- —
198-200 b.r., tanks...gal. .10½- —
246-397 b.r., tanks...gal. .10½- —
312-408 b.r., tanks...gal. .09 - —
362-458 b.r., tanks...gal. .09 - —
East Coast, N. J., N. Y..gal. .10 - —
Group 3, tanks.....gal. .06½- —
Gulf Coast, tanks.....gal. .06½- —
tankwagon, Baltimore....gal. .12 - .13
Boston.....gal. .12 - —
Bridgeport, Conn.....gal. .1630- —
Buffalo.....gal. .1240- —
Camden, N. J.....gal. .11 - —
Chicago.....gal. .13½- —
Detroit.....gal. .1590- —
Hartford.....gal. .1630- —
Kansas City, Mo.....gal. .1480- —
Lancaster, Pa.....gal. .12 - —
Milwaukee.....gal. .1440- —
Minneapolis.....gal. .1420- —
Newark (200 gal.).....gal. .11 - —
New York (200 gal.)....gal. .11 - —
Philadelphia.....gal. .11 - —
Pittsburgh.....gal. .12 - —
Providence.....gal. .13 - —
Rochester.....gal. .1320- —
St. Louis.....gal. .1370- —
Syracuse.....gal. .14 - —
Washington, D. C.....gal. .13 - —
Wilmington, Del.....gal. .13 - —

The Orange Oil
With Freshest Flavor
And Truest Aroma!
Orange Oil is our business, and EXCHANGE Brand is your assurance of matchless flavor, freshness, and uniformity — your benefit of over 20 years of our experience in satisfying the requirements of American users.
Ask our Jobbers for Samples
FRITZSCHE BROTHERS, INC.
76 Ninth Avenue, New York, N. Y.
DODGE & OLCOTT COMPANY
180 Varick Street, New York, N. Y.
Distributors for: CALIFORNIA FRUIT GROWERS EXCHANGE PRODUCTS DEPT., ONTARIO, CALIF.
Producing Plant:
Exchange Orange Products Co., Ontario, California
Copyright 1943, California Fruit Growers Exchange, Products Dept.
Exchange
OIL OF
ORANGE
U. S. P.

Petroleum, naphtha, cleaners, at refinery:—
California (f.o.b. San Francisco), tanks..gal. .12 - —
East Coast, N. J., N. Y., tanks..gal. .11 - —
Group 3, tanks.....gal. .07½- —
Gulf Coast (f.o.b. New Orleans), tanks..gal. .06¾- —
tankwagons, Newark....gal. .12 - —
Bridgeport .....gal. .1730- —
Chicago .....gal. .1380- —
Detroit .....gal. .15 - —
Milwaukee .....gal. .1440- —
Minneapolis .....gal. .1420- —
New York.....gal. .12 - —
Philadelphia .....gal. .125 - —
St. Louis.....gal. .1470- —
high-solvency, aromatic, No. 1,[6] over 70% arom., tanks, f.o.b. Bayway, N. J..gal. .21½- —
No. 2,[6] over 90% arom., same basis..gal. .21½- —
No. 3, same basis.....gal. .22½- —
No. 8,[6] tanks, same basis..gal. .228 - —
No. 30,[6] tanks, f.o.b. Kingsland, N. J., frt. alld..gal. .228 - —
No. 40, tanks, f.o.b. Wilmington, Cal..gal. .13½- —
V.M.&P., at refinery:—
California, 46.5, 254 i.b.p., 380 e.p., tanks, f.o.b. El Segundo..gal. .11 - —
Richmond .....gal. .11½- —
Willbridge, Ore., Pt. Wells, Wash..gal. .12 - —
54-77, 190 i.b.p., 310 e.p., tanks, dlvd, Los Angeles..gal. .10 - —
San Francisco....gal. .10½- —
Portland, Seattle..gal. .11 - —

Petroleum, naphtha, VMTP, at refinery, East Coast, N. J., N. Y., tanks..gal. .11 - —
Group 3, tanks.....gal. .07½- —
Gulf Coast (dlvd. New Orleans), tanks..gal. .06½- —
tankwagon, Boston.....gal. .13 - —
Chicago .....gal. .1380- —
Detroit .....gal. .15 - —
Milwaukee .....gal. .1540- —
Minneapolis .....gal. .1520- —
Newark (200 gal.)....gal. .123 - —
New York.....gal. .12 - —
Philadelphia .....gal. .126 - —
Pittsburgh .....gal. .12½- —
St. Louis.....gal. .1470- —
Solvent, rubber, at refinery, California (f.o.b. San Francisco)..gal. .24 - —
East Coast, N. J., N. Y., tanks..gal. .11 - —
Group 3, tanks.....gal. .07½- .07½
Stoddard (CS 8-33), at refinery:—
California (f.o.b. San Francisco), tanks..gal. .11 - —
East Coast, N. J., N. Y., tanks..gal. .09½- —
Group 3, tanks.....gal. .06¾- —
Pennsylvania, western, tanks..gal. .07½- .08
tankwagon, Baltimore...gal. .13 - —
Boston .....gal. .12 - —
Chicago .....gal. .13½- —
Detroit .....gal. .1580- —
Milwaukee .....gal. .1440- —
Minneapolis .....gal. .1420- —
Newark .....gal. .11 - —
New York.....gal. .11 - —
Philadelphia .....gal. .11 - —
Pittsburgh .....gal. .12½- —
St. Louis.....gal. .1370- —
Syracuse .....gal. .14 - —
Xylol solvent. See Xylol petroleum solvent.
Phenobarbital, 5-lb. cns.....lb. 3.60 - 3.70
dms., 100 lbs.....lb. 3.50 - —

Phenol,[2,6] 90-92% (cresol, 8-10%), dms., c.l., works, frt. equald., lb. .10 - —
l.c.l., same basis.....lb. .10¾- —
tanks, same basis.....lb. .09 - —
82-84% (cresol, 16-18%), dms., c.l., same basis..lb. .09¾- .10¼
l.c.l., same basis.....lb. .10¼- .10¾
tanks, same basis.....lb. .08¾- .09¼
USP, dms., c.l., works, frt. equald..lb. .10½- —
l.c.l., same basis.....lb. .11¼- —
tanks, same basis.....lb. .09½- —
Phenolphthalein, USP, bbls., dms., 2,000 lbs..lb. .85 - —
smaller lots.....lb. .87 - .89
yellow, fib. dms., 2,000 lbs...lb. .80 - —
smaller lots.....lb. .82 - .87
Phenothiazin, unmodified, fib. dms., 2,000-lb. shipt..lb. .52½- —
smaller lots, same basis..lb. .57½- —
Phenylacetaldehyde, 50% solut., bots..lb. 2.45 - 3.00
100% solut., bots.....lb. 4.40 - 5.00
Phenylethyl acetate, cns.....lb. 4.00 - 5.00
Phenylethylphenyl acetate, bots., lb. 5.50 - 7.90
Phenylhydrazin, base, CP, bots.lb. 4.55 - —
Hydrochloride, CP, bots., works, lb. 7.10 - —
commercial, kgs., works....lb. 1.75 - —
Phloroglucinol, CP, fib. dms..lb.13.75 -14.75
tech., fib. dms.....lb.12.00 -12.50
Phosgene, ton lots, works.....lb. .19 - —
Phosphate rock,[1,2] Fla., land pebble, unground, run-of-mine, washed, dried, 68%-66% b.p.l., M.P.R. 240 provisions, bulk, f.o.b. car, mine, c.l..... 70%-68% b.p.l., M.P.R. long ton. 2.00 - —

Phosphate rock, Fla., land pebble, 240 provisions, same basis..long ton. 2.40 - —
72%-70% b.p.l., M.P.R. 240 provisions, same basis..long ton. 3.00 - —
75%-74% b.p.l., M.P.R. 240 provisions, same basis..long ton. 4.00 - —
77%-76% b.p.l., M.P.R. 240 provisions, same basis..long ton. 5.00 - —
Entirely pebble 50c. per ton higher than above prices.
finely ground 65.5%, M.P.R. 240 provisions, basis 30% P_2O_5 minimum....short ton. 2.75 - —
68%, basis 31% P_2O_5 minimum..short ton. 3.00 - —
70%, basis 32% P_2O_5 minimum..short ton. 3.25 - —
Tenn., brown, unground, run-of-mine, 70%-68% b.p.l., f. i. & a., M.P.R. 240 provisions, same basis..... long ton. 5.00 - —
72%-70% b.p.l., 5½% i. & a., M.P.R. 240 provisions, same basis..long ton. 5.50 - —
refinery ground, same basis, long ton. 4.65 - —
30% P_2O_5, same basis..... short ton. 4.85 - —
31% P_2O_5, same basis..... short ton. 4.95 - —
32% P_2O_5, same basis..... short ton. 5.20 - —
33% P_2O_5, same basis..... short ton. 5.70 - —
Phosphate, defluorinated (see under D).
Phosphorus,[6] red amorphous, cs., lb. .40 - .44
tins, export.....lb. .55 - —
Yellow,[6] dms.....lb. .25 - —
cs.....lb. .23 - .25
Oxychloride,[6] cyls.....lb. .15 - .16
Pentoxide,[6] dms., c.l., wks..lb. .11 - .12
l.c.l., works.....lb. .13 - .14
Sesquisulphide,[6] cs.....lb. .38 - .42
Tricrloride,[6] cyls.....lb. .15 - .16
Phthalamide bbls., works.....lb. .35 - .40
kgs., works.....lb. .45 - .50
Phthalic anhydride,[6] bgs., bbls., c.l., works, frt. alld. E. of Denver..lb. .13 - —
l.c.l., same basis.....lb. .14 - —
Pichi leaves, bgs.....lb. .08 - .09½
Picoline (see Alphapicoline and Betapicoline).
Picrotoxin, bots.....oz. 3.00 - —
Pilocarpine hydrochloride, USP, bots., vis..oz. 3.90 - 5.25
Nitrate, bots., vls.....oz. 3.80 - 5.15
Pimento,[1] Jamaica, bgs.....lb. .24½- .24¾
Mexican (see Allspice, Mexican).
Pinkroot, bls.....lb. 1.90 - 2.00
Piperazine hexahydrate, bots..lb.16.00 - —
Pitch, burgundy (see B).
Coaltar,[2] 160° m.p., bbls., c.l., works..ton.19.00 - —
l.c.l., works.....ton.22.00 - —
Hardwood, paper bgs., works.lb. .03½- —
Linseed, dms.....lb. .05 - .05½
Petroleum (see Asphaltum, Mexican, Texas).
Pine, dms.....100 lbs. 2.25 - —
standa, 200 lbs.....stand. 6.00 - —
Plaster of paris (see Gypsum).
Pleurisy root, Southern, bbls...lb. .20 - .22
Podophyllin, dms.....lb. 8.75 - 9.00
Pokeroot, bbls.....lb. .14 - .15
Polyamylnaphthalene, dms., l.c.l., works..lb. .25 - —
Pomegranate, root bark, bgs...lb. .80 - .85
Tree bark, bgs.....lb. 1.05 - 1.10
Poppy flowers, bales.....lb. .60 - .70
domestic, blue, bgs.....lb. No stocks
Seed, Canadian, bgs.....lb. No stocks
Dutch, bgs.....lb. No stocks
Indian, white, bgs.....lb. No stocks
Turkish, bgs.....lb. No stocks
cleaned, bgs.....lb. No stocks
Potash abietate.....lb. .06 - —
Acetate, USP, bbls., dms....lb. .28 - .30
cns. .....lb. .31 - .33
Arsenite,[6] USP, solut., cbys., djns..lb. .13 - .15
Bicarbonate, USP, cryst., gran., bbls., dms..lb. .19 - .21
Bichromate,[6] bbls., cks., c.l., works..lb. .09¾- —
l.c.l., works.....lb. .09¾- .10
Potash bichromate in bgs., ½c. less.
Carbonate, calc., bbls., c.l., works..lb. .06½- —
l.c.l., same basis.....lb. .06¾- —
hydrated, 83-85%, bbls., c.l., works..lb. .06½- —
l.c.l., dms., same basis..lb. .06¾- —
USP, gran., bbls., dms.....lb. .14 - .20
powd., bbls., dms.....lb. .19 - .21
Caustic, flake, 88-92%, dms., c.l., works..lb. .07 - —
l.c.l., works.....lb. .07½- —
45% basis, dms.....lb. .06¾- .06¼
tanks .....lb. .02¾- —
liquid, dms., c.l., works, frt. alld..lb. .03 - —
l.c.l., dms., same basis..lb. .03½- —
tanks, same basis.....lb. .02¾- —
solid, 88-92%, dms., c.l., works..lb. .06¼- —
l.c.l. .....lb. .06½- .06¾
Chromate,[6] bgs.....lb. .24 - .28
Chlorate,[2,6] cryst., bgs., c.l., works..lb. .11 - .11¾
l.c.l., works.....lb. .119 - .13
powd., dms., kgs., c.l., works, lb. .09¾- .11¾
l.c.l., works.....lb. .119 - .13
export, 1 to 10 tons, kgs., ex whse..lb. .18 - .20
Chloride, cryst., tech., 98%, bgs., kgs..lb. .08 Nom.
Citrate, USP, gran., bbls., dms., lb. .33½- .33½
powd., 3c. per lb. higher.
Cyanide,[6] dms., works.....lb. .55 - —
Fluoride, bbls.....lb. .34 - .40
Glycerophosphate, 75%, sol., cns., cbys..lb. 1.65 - 1.67
dms., 1,000 lbs.....lb. 1.50 - —
100 lbs.....lb. 1.60 - —
Guaiacolsulphonate, NF, dms.lb. 1.65 - 1.85
Hydroxide, USP, sticks, dms.lb. .34 - .36
Hypophosphite, cns.....lb. .72 - .75
Iodate, bots., 5 lbs.....lb. 3.46 - —
cns., 25 lbs.....lb. 3.35 - —
Iodide, bots. or cns.....lb. 1.44 - 1.48
dms. .....lb. 1.35 - 1.38
Manure salt, dom.,[6] 22% K_2O, f.o.b. Carlsbad, N. M..... unit-ton. .20 - —
22% K_2O, seasonal contract discounts to June 30, 1944, 12%.
25% K_2O, same basis..... unit-ton. .21 - —
Metabisulphite, gran., bbls...lb. .19 - .21
powd., bbls.....lb. .23 - —
Muriate, dom.,[6] 60-62-63% K_2O, bulk, ex vessel, ports, unit-ton. .53½- —
Seasonal contract discounts to June 30, 1944, 12%.
granular 50-52 K_2O.unit-ton. .56 - —

SUN SPIRITS *help speed* WAR PAINT PRODUCTION

FOR OVER 50% OF THE MANUFACTURERS in Sun's Territory...

America's weapons need paint—vast quantities of paint which must meet rigid Army and Navy formulation specifications, paint which *has* to be consistent in quality and delivered *on time*.

If you have any production problems in this field, probably Sun Spirits and the experience of a Sun Engineer can help you solve them. The fact that Sun Spirits is doing a remarkable job is proved by the fact that it is used by more than half the war paint manufacturers in Sun's marketing area.

These manufacturers have found that Sun Spirits is uniformly high in quality to assure quality production. They have learned that Sun Spirits is highly solvent with most resins. They know that Sun Spirits provide uniform dispersal of pigments. And they can depend on Sun's deliveries and service.

The combination of Sun Spirits and the experience of Sun Engineers may mean better war paint production for you. Both are ready to help. Just write . . .

SUN OIL COMPANY • *Philadelphia 3, Pa.*

Sun Oil Company, Limited, Toronto, Canada

SUNOCO

SUN INDUSTRIAL PRODUCTS

HELPING INDUSTRY HELP AMERICA

Potash muriate, Russian,[5] offered from consignments afloat, subject to safe arrivals, unit-ton. .53½- —

Domestic muriate of potash prices, basis f.o.b. Carlsbad, N. M., are 11.2c. per unit of K_2O less than ex vessel price, basis Trona, Cal., 8c. per unit of K_2O less than ex vessel price at Pacific Coast ports.

Nitrate (see Saltpeter).

Oxalate, neutral, pure, gran., bbls., dms..lb. .37 - .50
fine gran., bbls., dms.....lb. .28 - .31
Perchlorate,[5] kgs., works....lb. .08½- .11
Permanganate, tech., dms., works..lb. .19¾- .20¼
USP, dms., works.....lb. .20½- .21
Prussiate, red, bbls., dms...lb. .50 - .53
Yellow, bbls.....lb. .16 - .17
Ricinoleate, tech., bbls.....lb. .18 - —
Silicate, alkaline, lumps, bgs., works..lb. .07 - —
glass, bgs., c.l.....ton.290.00 - —
l.c.l. .....100 lbs.15.25 - —
solution, 20° Be, ret. drums., c.l., works..100 lbs. 4.25 - —
20° Be, ret. dms., l.c.l., 5 or more, works..100 lbs. 5.00 - —
1-4, works.....100 lbs. 5.50 - —
32° Be, ret. dms., c.l., works. 100 lbs. 4.75 - —
l.c.l., 5 or more, works. 100 lbs. 5.50 - —
1-4, works.....100 lbs. 6.00 - —
40.5° Be, ret. dms., c.l., works..100 lbs. 5.75 - —
l.c.l., 5 or more, works. 100 lbs. 6.50 - —
1-4, works.....100 lbs. 7.00 - —
Sulphate, NF, powdr., bbls..lb. .15 - .21
Prices on granular 4c. higher.
tech., dom., bulk,[6] basis, 90-95%, K_2SO_4, min., 90% ex vessel, Atl. or Gulf ports.. ton.36.25 - —
Sulphocyanide, NF, dms.....lb. .70 - .78
Xanthate, dms., c.l.....lb. .12 - —
Potash-gold cyanide, 41% gold, bots., works..oz.14.20 -14.95
Potash-magnesia sulphate, bulk,[6] min., 46%, K_2SO_4, 18.50% MgO, ex vessel, ports..ton.26.00 - —
Potash-soda ferricyanide, dms., works..lb. .40 - .43
Potash-titanium oxalate, bbls., dms..lb. .45 - .50
Prickly ash bark, bls.....lb. .35 - .40
Berries, bgs.....lb. .23 - .25
Prince's pine herb, bls.....lb. .40 - .50
Procaine hydrochloride, cns., 25 lbs..lb. 8.00 - —
smaller lots.....lb. 8.25 - 9.75
Propane,[1] industrial grade, tanks, Group 3..gal. .03¾- —
Propyleneglycol, N.F., dms., c.l., f.o.b. Freeport, Tex., frt. equald. with So. Charleston, W. Va...lb. .15 - —
l.c.l., same basis.....lb. .16½- —
tanks .....lb. .14 - —
Psyllium seed (see Fleaseed).
Pulsatilla, bls.....lb. .68 - .69
Pumice, grd., fine, bgs., ton lots. lb. .03¾- —
smaller lots.....lb. .05¾- .04
coarse, 0½, 1, 1½, 2, 3, bgs., ton lots..lb. .03¾- —
smaller lots.....lb. .03¾- .04¼
Chi., ton lots.....lb. .04¼- —
Pumice stone packed in barrels is ½c. per lb. higher than the above prices.

Pumpkin seed, bgs.....lb. .38 - .40
Purple lake (see Red).
Putty, com'l, dms.....100 lbs. 3.15 - —
linseed oil, raw, dms....100 lbs. 5.00 - —
refined, dms.....100 lbs. 5.50 - —
standard, dms.....100 lbs. 4.20 - —
Pyrethrum[6] concentrate, liq. (20 to 1), basis 2 grams pyrethrins per 100 c.c., dms., dlvd. gal. 5.75 - —
(30 to 1), 3 grams pyrethrins per 100 cc., dms., dlvd.gal. 8.53 - —
flowers,[6] coarse-grd. (g.f.p.), 0.9% pyrethrins, bbls., frt. alld..lb. .27 - .28
fine-grd., 0.9% pyrethrins, bbls. lb. .29 - —
1.3 pyrethrins, frt. alld., bbls..lb. .39 - —
powd., 0.5 pyrethrins, bbls., frt. alld..lb. .23 - —
Pyridin,[6] denaturing, ret. dms., works, frt. equald..gal. 1.35 - 1.60
refd., 2°, ret. dms., same basis..lb. .45½- .46
Pyrites, Spanish, c.i.f. Atl. ports, long ton. 8.00 -10.00
Pyrocatechin (see Catechol).
Pyrophyllite, standard, 200 mesh, c.l., pap. bgs., mines..ton.10.00 - —
325 mesh, same basis....ton.13.00 - —
No. 3, 200 mesh, c.l., mines.ton. 8.00 - —
325 mesh, same basis.....ton.11.00 - —
Pyroxylin scrap, opaque, amber, cs., works..lb. .12 - —
black, cs., works.....lb. .10 - —
China, white, ivory, cs., works..lb. .13 - —
dense, white, cs., works..lb. .10 - —
gray, cs., works.....lb. .08 - —
mixed, mottles, cs., works. lb. .04 - —
translucent pastels, cs., works, lb. .10 - —
transparent, cs., works....lb. .20 - —
colors, cs., works.....lb. .12 - —
shavings, amber, cs., works..lb. .16 - —
mixed colors, cs., works..lb. .10 - —
white, cs., works.....lb. .15 - —

Q

Quassia chips, bls.....lb. .10 - .16
Quebracho extract,[6] solid, 63%, bgs., c.l., ex dock, in bond, based on ocean freight $12; insurance $1 per ton. Any difference for buyers account. Current freight $21.60; WSA insurance $3.75 per ton..lb. .04¾- —
clarified, 64%, bgs., c.l., same basis..lb. .05¼- —
dissolved, 55% tan., bbls., works..lb. .04½- —
tanks, works.....lb. .04 - —
ground, bgs., c.l.....lb. .03½- —
l.c.l., bgs.....lb. .09 - —
Queen of the meadow leaves, bgs..lb. .12 - .13
Root, bgs.....lb. .11 - .13
Quercitron, crystals, bbls.....lb. .26 - —
extract, bbls., No. 1.....lb. .10 - —
No. 2.....lb. .09½- —
No. 3.....lb. .09 - —
solid, bgs.....lb. .13½- —
Quicksilver,[1,6] flasks (76 lbs. net)..flask.130.00 -135.00
Quince seed, bgs.....lb. 1.30 - 1.75
Quinidine,[6] NF V, cryst., cns.oz. 1.08 + .12½* powd., precip., cns.....oz. 1.01 + .12½
Sulphate, USP, cns.....oz. .71 + .12½

* Surcharge of 12½c. per oz.; see note under Quinine.

Quinine,[6] NF, cns., 100 ozs...oz. .84 + .12½
Acetate, cns., 100 ozs.....oz. 1.08 + .12½
Arsenate, cns., 100 ozs.....oz. 1.05 + .12½
Arsenite, cns., 100 ozs.....oz. 1.07 + .12½
Bisulphite, USP, cns., 100 ozs., oz. .69 + .12½
Citrate, cns., 100 ozs.....oz. .78 + .12½
Dihydrobromide, bots., 50 ozs., oz. .86 + .12½
Ethylcarbonate, USP, cns., 100 ozs..oz. 1.25 + .12½
Ferrocyanide, cns., 100 ozs..oz. 1.07 + .12½
Formate, cns., 100 ozs.....oz. 1.00 + .12½
Glycerophosphate, cns., 100 ozs., oz. 1.20 + .12½
Hydrochloride, USP, cns., 100 ozs..oz. .76 + .12½
Hydrochlorosulphate, cns., 100 ozs..oz. .81 + .12½
Hydroiodide, cns., 100 ozs..oz. 1.05 + .12½
Hyposulphite, cns., 100 ozs..oz. 1.07 + .12½
Phosphate, NF, cns., 100 ozs., oz. .90 + .12½
Salicylate, NF, cns., 100 ozs., oz. .79 + .12½
Sulphate, USP, cns., 100 ozs.oz. .67 + .12½
Sulphocarbolate, cns., 100 ozs., oz. 1.05 + .12½
Tannate, USP X, cns., 100 ozs., oz. .63 + .12½
Valerate, NF IV, 100 ozs...oz. .99 + .12½
Tartrate, cns., 100 ozs.....oz. 1.03 + .12½

* Surcharge to cover present war risk insurance, ocean freight rates, and additional expenses over the cost of usual business. Change in these controlling factors will be reflected in the surcharge invoiced.

Quinine-urea hydrochloride,[6] USP, cns..oz. .81 + .12½*
Surcharge: see note under Quinine.
Quinoline, dms., c.l., works...lb. .24½- .50

R

R salt, dry, bbls.....lb. .65 - —
paste, dms.....lb. .52 - —
Raspberries, dried, bls.....lb. .95 - 1.00
Red, alizarin lake,[6] bbls., dlvd. N. of Tenn. and N.C., E. of Miss. R., including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis..lb. 1.10 - 1.90
Prices ½c. per lb. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.); Miss., N. C., S. C., Tenn., Tex. (Dallas, Ft. Worth, 1½c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1.6c. per lb. higher dlvd. Pacific Coast; prices equaled with Chicago dlvd. Denver, Pueblo, Salt Lake City, Wichita.
Cadmium, lithopone, deep shade, bbls., E. Rockies..lb. 1.00 - —
light shade, bbls., same basis..lb. .85 - —
medium shades, bbls., same basis..lb. .90 - —
Red cadmium lithopone, all shades, in smaller pkgs., 5c. per lb. higher.
Selenide, dark, bbls., works.. lb. 2.50 - —
light, same basis.....lb. 2.20 - —
orange, bbls., 100-lb. lots, works..lb. 1.50 - —
Carmine, 40, dms., 100 lbs., works..lb. 4.60 - —
smaller lots, works.....lb. 4.75 - 5.25
Crocus martis (see Red, purple oxide.
Dyes (see Dyes, red).
Eosin toner, bbls., works....lb. 1.35 - —
Red, firetoner, dom., bbls., wks., lb. .83 - —
Indian, pure, bbls., f.o.b. Bethlehem, Easton, E. St. Louis, N. Y..lb. .09¼- —
80-85%, bbls., same basis.lb. .07¾- —
imp., English, all shades..lb. .12 - —
Lacquer, maroon, bbls., works. lb. 1.25 - —
Lake C toner, alizarin, bbls., works..lb. .90 - —
Litho toner, alizarin, lake, bbls., works—lb. .60 - —
Pink, bbls., works.....lb. .20 - .25
Rose lake, bbls., works....lb. .25 - .28
Lithol-rubin toner, alizarin lake, bbls., works..lb. 1.10 - —
Maroon, alizarin lake, 25%, kgs., works..lb. .40 - —
Cadmium, bbls., works.....lb. 1.10 - —
deep, bbls., same basis..lb. 1.20 - —
Red, maroon, in smaller pkgs., 5c. per lb. higher.
Mercury oxide,[3] tech., bbls., 10,000 lbs., works..lb. 2.45 - —
smaller lots.....lb. 2.51 - —
Metallic, bbls., Pa. works....lb. .02 - —
Orange, Persian (see O).
Oxide, pure, bbls., c.l., works. lb. .09 - —
l.c.l., bbls.....lb. .09¾- —
reduced, 85%, copperas oxide, bbls., l.c.l., f.o.b. Bethlehem, Pa.; Copley, O.; Easton, Pa., and E. St. Louis..lb. .08¾- —
80% copperas oxide, bbls., same basis..lb. .08½- .906
Para,[5] toner concent., alizarin lake, kgs., works..lb. .70 - —
Phloxin toner (see Red, Eosin toner).
Phosphotungstic rhodamine, Y, kgs., works..lb. 4.15 - —
Purple, lake, kgs.....lb. 1.00 - —
Scarlet ink toner, kgs., works. lb. .55 - —
Lake, alizarin, kgs., works.lb. .35 - —
Spanish oxide, grade 1, c.l., bbls..lb. .04¾- .07¾
Toluidin toner, alizarin lake, kgs., works..lb. 1.05 - —
M.N.P.T. maroon toner, kgs., works..lb. 3.25 - —
Turkey, bbls., works.....lb. .14½- —
Tuscan, bbls., Id. St.....lb. .11 - .40
Venetian, 5%, bbls., works..lb. .0220- —
10%, bbls., works.....lb. .0245- —
15%, bbls., works.....lb. .0265- —
20%, bbls., works.....lb. .02¾- —
25%, bbls., works.....lb. .03 - —
30%, bbls., works.....lb. .03½- —
35%, bbls., works.....lb. .0360- —
40%, bbls., works.....lb. .04 - —
Vermilion, Amer., bbls.....lb. .25 - .40
Quicksilver, bbls.....lb. 2.75 - 2.85
Red precipitate,[3] NF, powd., 2lb. dms..lb. 2.66 - 2.68
Red saunders wood, grd., bbls. lb. .35 - —
Resorcinol, tech., dms., frt. alld. E. of Miss..lb. .68 - .75
USP, cryst., dms., 100 lbs., frt. alld. E. of Miss..lb. 1.80 - —
Rhatany root, bgs.....lb. .11 - .12
Rhubarb, whole, cs.....lb. .85 - 2.50
powd., bbls.....lb. .95 - 2.60
Riboflavin,[6] bots., 100 grams.kilo.280.00- —
Rice bran concentrate, dms., Cedartown, Ga., or Emeryville, Calif., seller's option. lb. .79 - —
Rochelle salt, cryst., bbls., 5,000 lbs., 1 ship't..lb. .42½- —
smaller lots.....lb. .44 - .47
powd., bbls., 5,000 lbs., 1 ship't. lb. .42½- —
smaller lots.....lb. .43 - .46

ENCO SOLICITS INQUIRIES

for

CREAM OF TARTAR TARTARIC ACID

ENCOLOID (SOYA LECITHIN) VANILLIN

BENZOATE OF SODA PHOSPHORIC ACID

ENCO CHEMICAL CORPORATION

FORMERLY NEUBERG CHEMICAL CORP.

441 LEXINGTON AVENUE • • NEW YORK 17, N. Y. MU-6-1990

Rose flowers, pale, bls.....lb. .43 - .50
Rosemary flowers, bls.....lb. 1.55 - 1.60
Leaves, Portuguese, bls.....lb. .08¾- .09¾
Spanish, bls.....lb. .14 - .14½
Rosin, gum—
B, dms.....100 lbs. 4.55 - —
D, dms.....100 lbs. 4.94 - —
E, dms.....100 lbs. 5.25 - —
F, dms.....100 lbs. 5.38 - —
G, dms.....100 lbs. 5.40 - —
H, dms.....100 lbs. 5.41 - —
I, dms.....100 lbs. 5.41 - —
K, dms.....100 lbs. 5.50 - —
M, dms.....100 lbs. 5.55 - —
N, dms.....100 lbs. 5.63 - —
W.G., dms.....100 lbs. 7.25 - —
W.W., dms.....100 lbs. 7.32 - —
X, dms.....100 lbs. 7.32 - —
Wood, F.F., dms., c.l...100 lbs. 3.78 - 4.08
Rottenstone, bgs., c.l., mines.ton.25.50 - —
l.c.l., same basis.....ton.37.50 - —
Rue, bls.....lb .75 - .80

S

Sabadilla seed, powd., bbls.....lb. .29 - .31
Saccharin,[7] soda (soluble), dms., makers, primary distrib., 1,000 lbs. up..lb. 1.30 - 1.35
smaller lots.....lb. 1.40 - 1.60
Saffron, Mexican, bls.....lb. .70 - .75
Spanish, tins.....lb.41.00 -42.00
Safrol, cns.....lb. 1.35 - 1.50
Sage,[1] Cyprus, good, bls.....lb. .22 - .23
Spanish, bls.....lb. .21½- .22
Sago flour, ogs.....lb. .05 - .05¾
Salicin, bots., 5 lbs.....lb. No stocks
cns., 25 lbs.....lb. No stocks
Salol, gran., bbls., kgs.....lb. .90 - —
tb. dms.....lb. .92 - .98
powder, 10c. per lb. higher.
Salt, rock, bgs., c.l.....ton.14.20 - —
l.c.l., bgs.....ton.17.00 -18.00
vacuum, common, fine, bgs., c.l..ton.15.70 - —
l.c.l. .....ton.19.40 -23.20
Saltcake, dom., bulk, works.ton.15.00 - —
Chrome (see Chrome cake).
Saltpeter, dbl. ref., gran., bbls., 10 tons..100 lbs. 8.20 - —
smaller lots .....100 lbs. 9.35 - 9.60
powd., bbls., 10-20 tons.....100 lbs. 9.20 - —
smaller lots.....100 lbs. 9.35 - 9.60
Sanguinarine nitrate, bots....oz. 3.75 - —
Santonin, cryst., cns.....kilo.200.00 -210.00
Saponin, No. 1, cns.....lb. 1.75 - 1.90
No. 2, cns.....lb. 1.40 - —
Sarsaparilla root, Amer., bls..lb. .35 - .37
Honduras, bls.....lb. .45 - .50
Mexican, bls.....lb. .19 - .21
Sassafras bark, ord., bls.....lb. .35 - .40
select, bls.....lb. .60 - .65
Savory, Spanish, bls.....lb. .45 - .47
Saw palmetto berries, bgs.....lb. .20 - .25
Scammony resin, lump, cns...lb. 1.30 - —
powd., cns.....lb. 1.35 - —
Root, bgs.....lb. .08 - .10
Schaeffer's salt, bgs.....lb. .46 - —
Scullcap, Eastern, bls.....lb. No stocks
Seidlitz mixture, bbls., 5,000 lbs., 1 shipment..lb. .33¾- —
smaller lots.....lb. .34½- —
kegs, 5,000 lbs., 1 shipm't..lb. .34¼- —
smaller lots.....lb. .34 - —
Selenium, pwd., cs., 1,000 lbs..lb. 1.75 - —
cns., 10 lbs.....lb. 1.85 - —
Senega root, spot, bls.....lb. .90 - .95
Senna, Alex., half leaf, bls...lb. .22 - .26
siftings, bgs.....lt. .22 - .24
Tinnevelly, No. 1, bls.....lb. .16 - .16½
2, bls.....lb. .11½- .12
3, bls.....lb. .10 - .10¼
powd., bbls., bxs.....lb. .15 - .17
Poda, bls.....lb. .13 - .16
Serpentaria root, bls.....lb. .94 - .98
Sesame seed,[1] Chinese, hulled, bgs..lb. .13½- .14
Indian, hulled, recleaned, bgs., lb. No stocks
natural, bxs.....lb. .11 Nom.
Shellac,[2,6] bonedry, bbls., 1,500 lbs..lb. .42½- —
Boston .....lb. .43½- —
Chicago .....lb. .44 - —
Pacific coast.....lb. .46 - —
refined, bbls., 1,500 lbs.....lb. .48¼- —
Boston .....lb. .49¼- —
Chicago .....lb. .50 - —
Pacific coast.....lb. .52 - —
Bonedry shellac, sales of less than 1,500 lbs., at following additions to maximum prices:—(1) packed in bgs., ¾c. per lb., (2) bbls., 1c. more; (3), kgs., 2c. more.

Shellac, D.C., U.S.O., Diamond I, bgs., lots of 100..lb. .4660- —
Garnet, bgs., lots of 100.....lb. .3890- —
Superfine, bgs., Boston, N. Y., lots of 100..lb. .3660- —
Chicago, lots of 100.....lb. .3710- —
Pacific coast, lots of 100...lb. .3960- —
T.N., bgs., Boston, N. Y., lots of 100..lb. .3550- —
Chicago, lots of 100.....lb. .3600- —
Pacific coast, lots of 100...lb. .3805- —
Shellac in cs., 2c. higher. Shellac sales, 1 bg. or 1 cs., 5c. additional; 1 to 9 bgs. or cs., 2c. more; 10 to 99 bgs., cs., 1c. more.
Shortening, trcs.....100 lbs.16.50 -17.00
Silica, amorph., dry-grd., 325 mesh, bgs., c.l., Ill., works, ton.17.00 - —
l.c.l., same basis.....ton.20.00 - —
400 mesh., bgs., c.l., same basis..ton.18.00 - —
l.c.l., same basis.....ton.19.00 -20.00
wet-grd., 325 mesh, bgs., c.l., same basis...ton.18.00 - —
l.c.l., same basis.....ton.21.00 - —
400 mesh, bgs., c.l., same basis..ton.30.60 - —
l.c.l., same basis.....ton.35.00 -38.00
96-98%, 325 mesh, bgs., c.l., same basis..ton.20.00 - —
l.c.l., same basis.....ton.21.50 -23.00
99%, 325 mesh, bgs., c.l., same basis..ton.20.00 - —
l.c.l., same basis.....ton.22.00 -25.00
hard-quartz, 99½%, 325 mesh, bgs., c.l., same basis..ton.15.50 - —
l.c.l., same basis.....ton.18.50 - —
140 mesh, bgs., c.l., same basis..ton.11.00 - —
l.c.l., same basis.....ton.16.00 - —
Silicon tetrachloride, tech., dms., 55 gals., c.l., works..lb. .15½- —
l.c.l., works.....lb. .15½- —
10 gals., works.....lb. .27 - —
Silver bullion.....oz. .44¾- —
govt. purchase, dom.....oz. .7111- —
govt. purchase,[1] foreign...oz. .44¾- —
Cyanide, cns., 100 ozs.....oz. .41½- —
Nitrate, 100-oz. bots.....oz. .32¾- —
Nucleinate, bots., dms.....oz. .308 - .358
Proteinate, bots., dms.....oz. .288 - .338
Simarubra bark, bls.....lb. .52 - .55
Skunk cabbage root, bls.....lb. No stocks
Slate flour, bgs., c.l., works..ton.11.00 -12.00
l.c.l., works.....ton.12.00 -13.00
Sloe berries, bgs.....lb. .70 - .75
Smalt, black, ctns.....lb. .05 - .08
Blue, ctns.....lb. .07 - .08¼
Snakeroot, Canada, bls.....lb. .40 - .42
Soapbark, bls.....lb. .11¾- .12¼
crushed, bls., bbls.....lb. .13 - .14
cut, dom., bls., bbls.....lb. .16 - .19
imp., bbls.....lb. .18 - .19
powd., bbls.....lb. .17 - .18
Soda acetate, anhyd., dms., divd., lb. .08¼- .10
flake, gran., powd., 60%, bbls., c.l., divd..lb. .05 - —
l.c.l., divd.....lb. .05½- .06
NF VII, bbls., divd.....lb. .09¼- .10
Alginate, refined, water-soluble, bbls., works..lb. .79 - —
semi-refined, bbls., works..lb. .42 - —
white, powd., dms.....lb. 1.50 - 1.80
Aluminate,[6] for water treat., bgs., c.l., works..100 lbs. 7.50 - —
l.c.l., works.....100 lbs. 8.40 - —
other uses, bgs., c.l., works, 100 lbs. 7.00 - —
l.c.l. .....100 lbs. 7.50 - 8.00
Antimoniate, bbls., divd....lb. .15 - .15½
Arsenate,[6] dms., dealers, c.l., works..lb. .09½- —
l.c.l., same basis.....lb. .10¾- .11¼
Arsenite,[6] gray, dms., c.l., dealers, works..lb. .08¼- —
l.c.l., dealers, works....lb. .09 - .10
Soda, arsenite, gray, ¾c. higher in Chi.; 2c. higher in Houston, Tex., and Palo Alto, Calif.
Ash, dense, 58%, bgs., c.l., works..100 lbs. 1.15 - —
l.c.l., divd., zone 1..100 lbs. 2.18 - —
2 .....100 lbs. 2.33 - —
3 .....100 lbs. 2.58 - —
4 .....100 lbs. 2.98 - —
bbls., c.l., works....100 lbs. 1.35 - —
2 .....100 lbs. 2.50 - —
3 .....100 lbs. 2.75 - —
4 .....100 lbs. 3.15 - —
bulk, c.l., works.....100 lbs. .95 - —

Soda ash, extra light, 58%, bgs., c.l...100 lbs. 1.13 - —
l.c.l., divd. zone 1..100 lbs. 2.13 - —
2 .....100 lbs. 2.28 - —
3 .....100 lbs. 2.53 - —
4 .....100 lbs. 2.93 - —
bbls., c.l., works..100 lbs. 1.45 - —
l.c.l., divd., zone 1.....100 lbs. 2.45 - —
2 .....100 lbs. 2.60 - —
3 .....100 lbs. 2.85 - —
4 .....100 lbs. 3.25 - —
bulk, c.l.....100 lbs. .90 - —
light, 58%, bgs., c.l., works, 100 lbs. 1.03 - 1.18
l.c.l., divd., zone 1.....100 lbs. 2.13 - —
2 .....100 lbs. 2.28 - —
3 .....100 lbs. 2.53 - —
4 .....100 lbs. 2.93 - —
bbls., c.l., works...100 lbs. 1.35 - —
l.c.l., divd., zone 1.....100 lbs. 2.35 - —
2 .....100 lbs. 2.50 - —
3 .....100 lbs. 2.75 - —
4 .....100 lbs. 3.15 - —
bulk, c.l.....100 lbs. .90 - —
Soda ash sales zones are:—(1) All States E. of Miss. R. and N. of south. bound. of Ky. and Va.; also Ala., La., and Miss., S. of 31°, Tex. E. of 100°, S. of 31°, Fla.; also Me., N. H., and Vt., in which there are special county zones; Davenport, Ia., and St. Louis; (2) Ark. E. of 92°, Ga., Iowa (except Davenport), Minn.; Mo. (except St. Louis), Neb. E. of 98°, N. C., S. C., Tenn. and Tex. N. of 31° and E. of 100° (except Wichita Falls); also Ala., La., and Miss. N. of 31°; (3) Ark. W. of 93°, Kans., Neb., W. of 98°, N. D., Okla., S. D. Tex. W. of 100° (including Wichita Falls (excluding El Paso); (4) Ariz., Colo., Idaho, Mont., Nev., N. M., Utah, Wyo., and El Paso, Tex.
Benzoate, tech., bbls., 2 tons or more..lb. .39 - —
smaller lots.....lb. .40 - .48
USP, dms., 2 tons or more.lb. .46 - —
smaller lots.....lb. .47 - .52
Bicarbonate, tech., bbls., c.l., works..100 lbs. 1.70 - —
l.c.l. .....100 lbs. 2.05 - —
bgs., c.l., works.....100 lbs. 1.55 - —
l.c.l. .....100 lbs. 1.90 - —
USP, gran., bbls., c.l., works, 100 lbs. 2.25 - —
l.c.l. .....100 lbs. 2.60 - —
powd., bbls., c.l., works.... 100 lbs. 1.85 - —
l.c.l. .....100 lbs. 2.21 - —
kgs., c.l., works....100 lbs. 2.10 - —
l.c.l. .....100 lbs. 2.76 - —
Bichromate,[6] spot, bbls., cks., c.l., works..lb. .07¾- —
l.c.l., works.....lb. .07½- .07¾
Soda bichromate in bgs., ¼c. less.
Bifluoride, bbls., c.l., frt. alld. E..lb. .11¼- —
l.c.l., same basis.....lb. .12 - .14
kgs., l.c.l., same basis....lb. .12¾- .14
Bisulphite, powd., bbls., c.l., works..100 lbs. 3.00 - 3.10
l.c.l., works.....100 lbs. 3.50 - 3.60
solution, 32°, bbls., c.l., works, 100 lbs. 1.30 - —
l.c.l., works.....100 lbs. 1.55 - —
30°, bbls., c.l., works, 100 lbs. 1.35 - —
l.c.l., works.....100 lbs. 1.70 - —
35°, bbls., c.l., wks...100 lbs. 1.40 - —
l.c.l., works.....100 lbs. 1.68 - —
44°, bbls., works.....100 lbs. 1.55 - —
l.c.l., works.....100 lbs. 1.80 - —
Bromide, NF, gran., bbls., 500 lbs., works..lb. .27 - .29
fiber dms., works, 100 lbs., lb. .30 - .31
Cacodylate, 5-lb. bots., works, lb.17.00 - —
Carbonate (see Soda ash, soda monohydrated, soda sal).
Caustic flake, powd., 70%, dms., c.l., works..100 lbs. 2.70 - —
l.c.l., zone 1, divd.....100 lbs. 2.85 - —
2, divd.....100 lbs. 2.70 - 2.85
3, divd.....100 lbs. 2.95 - 3.30
4, divd.....100 lbs. 3.35 - 3.70
liquid, 47-49%, buyers' tanks, works..100 lbs. 1.92½- —
sellers' tanks, works.....100 lbs. 1.95 - —
70%, buyers' tanks, works, 100 lbs. 1.97½- —
sellers' tanks, works.....100 lbs. 2.00 - —

Soda caustic, solid, 76%, dms., c.l., works..100 lbs. 2.30 - —
l.c.l., zone 1, divd.....100 lbs. 3.15 - —
2, divd. .....100 lbs. 3.30 - —
3, divd. .....100 lbs. 3.55 - —
Caustic soda zones are same as soda ash.
Chloride (see Salt).
Chlorate,[6] dom., cryst., bgs., c.l., works..lb. .06¼- —
l.c.l., works .....lb. .06½- —
powd., bgs., c.l., works..lb. .06¼- —
l.c.l., works .....lb. .07 - .08¼
Chromate,[2,6] bbls., cks., c.l., works, frt. equald..lb. .08¾- —
l.c.l., works, frt. equald..lb. .08¾- .09¼
Soda chromate in bgs. is ½c. lower.
Citrate, USP VIII, bbls.....lb. .18½- —
dms. .....lb. .19½- .22½
USP gran., bbls. .....lb. .24 - —
dms. .....lb. .24 - .29
powd., bbls.....lb. .24½- —
dms. .....lb. .24¾- .29½
Cyanide,[6] 96-98%, dms.....lb. .14½- .15
Diacetate, 33-35% acidity, bbls., divd..lb. .09½- .10½
anhy., dms., divd.....lb. .12½- —
Fluoride, white, 90%, bbls., c.l., works..lb. .07 - —
l.c.l., works .....lb. .08 - —
96%, bbls., c.l., works..lb. .07¼- —
l.c.l., works .....lb. .08¼- —
Soda fluoride prices at Los Angeles are f.a.s. works.
Glutamate, monobasic, kgs..lb. 1.04 - 1.06
Glycerophosphate, NF, cryst., bbls., 1,000 lbs..lb. 1.25 - —
smaller lots .....lb. 1.40 - 1.65
powdered, 5c. higher.
solution, 50%, cbys., cns...lb. .82 - .90
Hydrosulphite, dms., frt. alld., lb. .17 - .18
Hydroxide, USP, sticks dms..lb. .14½- .26
Hypophosphite, NF, cns....lb. .67 - .70
Hyposulphite, cryst., bgs., c.l., works, frt. equald..100 lbs. 2.25 - —
l.c.l., same basis..100 lbs. 2.50 - —
pea, bgs., c.l., works.100 lbs. 2.60 - —
l.c.l., works.....100 lbs. 2.75 - 3.95
Soda hyposulphite in bbls., 20c. higher; in dms., 50c. higher.
Iodate, dms., jars.[6].....lb. 5.40 - 5.45
Iodide, bots. .....lb. 2.53 - 2.57
dms., jars .....lb. 2.42 - —
Mandelate, dms. .....lb. 3.25 - 3.35
Metanilate, bgs. .....lb. .40 - —
Metasilicate,[6] anhyd., c.l., works, frt. equald..... 100 lbs. 4.00 - —
l.c.l., same basis..100 lbs. 4.90 - 5.30
gran., bbls., c.l., works, frt. equald..lb. 2.50 - —
l.c.l., divd.....100 lbs. 3.30 - 3.55
Molybdate,[6] anhyd., kgs., works, lb. .47 - —
Monohydrated, bbls.....100 lbs. 2.00 - —
works .....100 lbs. 2.55 - —
Naphthionate, bbls.....lb. .50 - —
Nitrate,[6] crude, dom., 100-lb. bgs., c.l., works..ton.30.05 - —
bulk, same basis.....ton.27.00 - —
imp., 100-lb. bgs., c.l., Atl., Gulf, Pac., whse..ton.33.00 - —
200-lb. bgs., same basis.. ton.33.40 - —
bulk, same basis.....ton.30.00 - —
refd., gran., bbls., 10 tons.... 100 lbs. 2.60 - —
smaller lots.....100 lbs. 3.75 - 4.00
Nitrite, 96-98%, dom., bbls., c.l., works, frt. equald..lb. .06¾- —
West Coast ports..... 100 lbs. 8.00 - 8.05
l.c.l., divd.....100 lbs. 8.90 -11.90
Orthosilicate, anhyd., dms., c.l., works, frt. equald..lb. 4.50 - —
l.c.l., same basis.100 lbs. 5.45 - 5.85
flake, dms., c.l., wks..100 lbs. 3.15 - —
l.c.l., divd.....100 lbs. 4.30 - 4.55
Oxalate, neut., bbls.....lb. .10 - .11
Pentachlorophenate brl qucts, bgs., works, frt. equald..lb. .17 - .18
powd., bgs., c.l., works, frt. equald..lb. .16 - .16½
l.c.l., works, frt. equald..lb. .17 - —
kgs., works, frt. equald..lb. .19 - —
Pantothenate, dext., 100-gram bots..per gram. .15 - —
Perborate,[6] NF, bbls., c.l., works..lb. .14¾- —
l.c.l., works.....lb. .15¼- —
Peroxide,[6] dms., c.l., divd. E. of Miss..lb. .14 - —
smaller lots.....lb. .17 - —
Phosphate,[6] dibasic, tech., anhyd., bgs., c.l., works... 100 lbs. 6.00 - 6.25
l.c.l., works....100 lbs. 6.50 - 7.25
cryst., bgs., c.l., works... 100 lbs. 2.55 - 2.70
l.c.l., works.....lb. 2.95 - 3.45
USP, bbls., dms., works..lb. .08 - .10
dried, bbls., dms., works, lb. .11½- .13
monobasic, anhydrous, bgs., c.l., works..100 lbs. 7.25 - 8.25
l.c.l., works.....100 lbs. 8.00 - 9.00
tribasic,[6] anhydrous, bgs., c.l., works, frt. equald..100 lbs. 6.00 - —
l.c.l., same basis..100 lbs. 6.50 - —
cryst., bgs., c.l., same basis..100 lbs. 2.70 - —
l.c.l., same basis..100 lbs. 3.40 - —
kgs., c.l., works..100 lbs. 3.40 - —
l.c.l., works.....100 lbs. 4.15 - —
USP (see Sodium phosphate, dibasic).
Soda phosphate in bbls. is 20c. higher.
Prussiate, yellow, bgs., contracts, works..lb. .09¾- .10½
spot .....lb. .10¾- —
bbls., contract, works....lb. .10 - .10¼
spot .....lb. .11 - —
Pyrophosphate,[6] anhyd., bgs., c.l., works, frt. equald..... 100 lbs. 5.25 - 6.15
l.c.l., same basis...100 lbs. 5.40 - 6.60
bbls., c.l., wks., frt. equald., 100 lbs. 5.45 - 6.30
l.c.l., same basis...100 lbs. 5.60 - 6.60
Ricinoleate, tech., bbls.....lb. .12 - —
Sal, bgs..... .....100 lbs. 1.35 - —
works .....100 lbs. 1.10 - —
bbls. .....100 lbs. 1.40 - —
works .....100 lbs. 1.20 - —
Salicylate, bbls., dms. kgs..lb. .52 - .55
Sesquicarbonate, bgs., c.l., works..100 lbs. 1.50 - —
bbls., c.l., works..100 lbs. 1.70 - —
l.c.l., zone 1, divd...100 lbs. 2.70 - —
2, divd.....100 lbs. 2.85 - —
3, divd.....100 lbs. 3.10 - —
4, divd.....100 lbs. 3.50 - —
Soda sesquicarbonate l.c.l. price zones are same as those for soda ash.
Sesquisilicate, dms., c.l., works, 100 lbs. 3.05 - —
l.c.l., divd.....100 cns. 4.05 - 4.80
Silicate, 40° turbid, dms., c.l., works..100 lbs. .80 - —
l.c.l., works.....100 lbs. 1.05 - 1.20
tanks, works.....ton.13.00 - —
52°, dms., c.l., works..100 lbs. 1.40 - —
l.c.l., works.....100 lbs. 1.65 - 1.80
tanks, works.....ton.25.00 - —
Silicofluoride, bbls., c.l., works, lb. .06½- .07
l.c.l., same basis.....lb. .08 - .12
Stannate, dms., works, frt. alld. E..lb. .32¼- .36¼
Stearate, bbls., works.....lb. .19 - .24

Make Cowles Your Source of SILICATE!

Crystamet
Reg. U. S. Pat. Off.
Pentahydrate Sodium Metasilicate. Cowles CRYSTAMET is an exceptionally pure, perfectly white granular sodium metasilicate with the normal 42% water of crystallization. Excellent solubility, uniformity, chemical stability.

Drymet
Reg. U. S. Pat. Off.
Anhydrous Sodium Metasilicate. Cowles DRYMET is the most highly concentrated, most economical form of sodium metasilicate available. DRYMET contains no water. Yields nearly twice the chemical strength of hydrated sodium metasilicate at a substantial saving. Completely soluble, noncaking, easy to handle.

Dryorth
Reg. U. S. Pat. Off.
Technically Anhydrous Sodium Orthosilicate. Cowles DRYORTH is a high pH detergent silicate with valuable peptizing, emulsifying, dirt-suspending power. Recommended for heavy duty detergency requiring high Na_2O value.

BUY MORE WAR BONDS

THE COWLES DETERGENT CO.
7016 Euclid Avenue · Cleveland 3, Ohio

BUY MORE WAR BONDS

Soda sulphate, NF, dried, powd., ... lb. .07 - .07½
tech., anhyd., bgs., bbls., c.l., works..100 lbs. 1.70 - 1.90
5 tons or more, works..100 lbs. 1.95 - 2.15
less than 5 tons, works..100 lbs. 2.20 - 2.40
cryst. (see Glauber's salt).
USP, cryst., gran., bbls..lb. .10 - .10½
Sulphide, cryst., bbls., c.l., works..100 lbs. 2.40 -
l.c.l., dlvd.....100 lbs. 2.90 - 3.15
solid, bbls., c.l., works.100 lbs. 3.15 -
l.c.l., dlvd.....100 lbs. 3.65 - 3.90
Sulphite, cryst., bgs., works..100 lbs. 2.10 - 2.35
bbls., same basis.....100 lbs. 2.30 - 2.55
powd., bbls., c.l.....100 lbs. 5.25 -
l.c.l. .....100 lbs. 5.50 - 6.00
Sulphocarbolate, USP IX, gran., bbls., dms..lb. .28 - .33
powd., bbls.....lb. .30 - .31
Sulphocyanide, CP, dms.....lb. .55 - .65
Sulphohydrate, liquid, 38%, basis 100%, dms., c.l., works..lb. .05½- -
l.c.l., works.....lb. .06 - .08
tanks, works.....lb. .04½- -
flake, 70-72%, dms., c.l., works..lb. .04½- -
l.c.l., works.....lb. .05 -
Sulphoricinoleate, bbls....lb. .12 -
Thiosulphate (see Soda hyposulphite).
Tungstate,[6] tech., kgs.....lb. 1.35 - 1.50
Soda-formaldehyde sulphoxylate, stand cont. (125-250 lbs.).lb. .19 - .23
Solvent naphtha, dms., wks..gal. .31 - .32
tanks, E. of Omaha, frt. alld. to 2c. per gal..gal. .27 -
Minnequa, Colo.....gal. .27 -
high-flash, dms., works...gal. .32 -
tanks, frt. alld. E. of Omaha. gal. .27 -
Sorbitol,[6] com'l, dms., works..lb. .17½- -
Soybean meal,[1] 41%, Decatur, bulk, c.l..ton.45.00 -
Protein, alpha, bgs., 40,000-60,000 lbs., works..lb. .19 -
100-40,000 lbs., works...lb. .19¼- .19¼
less than 100 lbs., works. lb. .23 -
Sparteine sulphate, bots., cns..oz. 2.25 - 2.75
Spearmint leaves, bls.....lb. .45 - .47
Spikenard root, bls.....lb. .50 - .55
Spruce extract, liq., reg., bbls., c.l., works..lb. .02½- -
tanks, works.....lb. .01½- -
pwd., super, bgs., c.l., wks.lb. .04½- -
Squawvine leaves, bls.....lb. .14 - .15
Squill, red, powd.....lb. .85 - .88
White, bls.....lb. .14 - .16
powd., bbls., bxs.....lb. .18 - .19
St. Ignatius beans, bgs.....lb. .43 - .60
St. John's bread, edible, bls...lb. .17 - .18
Starch, corn, pearl, bgs.100 lbs. 4.08 -
Chicago .....100 lbs. 3.72 -
powd., bgs.....100 lbs. 4.19 -
Chicago .....100 lbs. 3.83 -
Potato, bgs., c.l.....lb. .0637- -
l.c.l. .....lb. .0712- -
Rice, bgs., c.l.....lb. No stocks
Sweetpotato, bgs.....lb. No stocks
Wheat, thick boil, bgs.....lb. .05 -
Starch iodide, bots.....lb. 1.87 -
Stearin, oleo (see Oleostearin).
Stillingia root, bls.....lb. .11 - .12
Stoneroot, bls.....lb. .07½- .08
Storax, cs.....lb. 1.35 - 1.50
Stramonium leaves, bgs.....lb. .22 - .25
Seed, bgs.....lb. .20 - .21
Strontium bromide, cns., dms..lb. .53 - .54
Carbonate, 90%, bbls.....lb. .14 - .16
98%, bbls.....lb. .23 - .26
Chloride, tech., bbls.....lb. .22 - .24
Chromate, bbls., kgs., Phila..lb. .35 - .37
Iodide, bots.....lb. 3.06 - 3.15
jars, 25 lbs.....lb. 3.00 -
Lactate, dms.....lb. 1.30 - 1.35
Nitrate, bbls., c.l., works....lb. .07¾- -
l.c.l., works.....lb. .08¼- .08¾
Oxalate, bbls.....lb. .47¼- -
Salicylate, bbls., kgs.....lb. 1.10 -
dms. .....lb. 1.13 -
Sulphate, nat., 92% min., air-floated, 300 mesh, c.l., works..ton.52.00 -
l.c.l., works.....ton.54.00 -
Strontium-calcium sulphide, phosphorescent, works, frt. alld., lb. 2.50 - 2.85
Strophanthin, bots.....oz.30.00 -37.00
Strophanthus seed, Komba, bgs. lb. 2.65 - 2.70
Styrolyl acetate, bots.....lb. 2.50 - 3.10
Strychnine, cryst., cns., 100 ozs. oz. .70 -
powd., cns., 100 ozs.....oz. .60 -
Acetate, cns., 100 ozs.....oz. .85 -
Arsenate, cns., 100 ozs.....oz. .91 -
Arsenite, cns., 100 ozs.....oz. .88 -
Glycerophosphate, cns., 100 ozs. oz. .89 -
Hydrochloride, cns., 100 ozs..oz. .88 -
Hypophosphite, 25-oz. cns., 100 ozs..oz. 1.00 -
Nitrate, 100 ozs.....oz. .82 -
Phosphate, 100 ozs.....oz. .89 -
Sulphate, cryst., cns., 100 ozs. oz. .58 -
powd., cns., 100 ozs.....oz. .48 -
Sucrose octa-acetate, denat., bbls., l.c.l., works..lb. .45 -
tech., bbls., l.c.l., works..lb. .40 -
Sugar coloring (see Caramel coloring).
Sugar of milk (see Milk sugar).
Sulphadiazin, 100-lb. dms.....lb. 9.00 -
Sulphaguanidin, 100-lb. dms...lb. 5.50 -
Sulphanilamide, bots.....lb. 1.35 -
fib. dms.....lb. .90 - 1.00
Sulphapyridin, powd., bots., tins. lb. 5.00 - 5.30
Sulphathiazole, dms.....lb. 3.00 -
smaller lots.....lb. 3.10 - 3.50
Sesquihydrate, prices same as sulphathiazole.
Sulphonethylmethane, kgs.....lb. 6.75 - 6.85
Sulphonmethane, kgs.....lb. 5.25 - 5.35
Sulphur, crude, bgs., c.l., works. l.c.l., works.....100 lbs. 2.00 - 2.15
bulk, mines, contracts..... long ton.16.00 -
f.o.b. vessels, Gulf ports, contract..long ton.17.50 -
flour, comm'l, 99½%, bgs., c.l., works..100 lbs. 1.65 -
l.c.l., works.....100 lbs. 2.00 - 2.15
precipitated, USP, bbls., kgs., lb. .13 - .30
refined, flour, extra fine, bgs... 100 lbs. 1.65 -
c.l., works..100 lbs. 2.90 -
l.c.l., works....100 lbs. 3.25 - 3.40
heavy, bgs., c.l., works.. 100 lbs. 2.60 -
l.c.l., works....100 lbs. 2.95 - 3.10
light, bgs., c.l., works.. 100 lbs. 2.70 -
l.c.l., works....100 lbs. 3.05 - 3.20
Refined sulphur in bbls., 35c. higher.
USP, bgs., c.l., works.. 100 lbs. 3.05 -
l.c.l., works....100 lbs. 3.40 - 3.55
rock, bbls., c.l., works..100 lbs. 2.20 -
l.c.l., works....100 lbs. 2.55 - 2.70
roll, bbls., c.l., works..100 lbs. 2.40 -
l.c.l., works....100 lbs. 2.75 - 2.90

Sulphur, chloride, 55-gal. dms., c.l., works..lb. .03 - .03½
l.c.l., works.....lb. .04 -
10-gal. dms., c.l., works....lb. .07 - .07½
l.c.l. .....lb. .08 - .08½
Dioxide, liquid, cyls., works..lo. .07 - .08
multi-unit cars, works..lb. .04½- .06
tanks, works.....lb. .04 - .06
refrigeration, cyls., works.lb. .13 - .21
multi-unit cars, works..lb. .06½- -
Iodide, bots., jars.....lb. 3.90 - 4.11
Sumac berries, bgs.....lb. .12 - .13
extract, No. 1, bbls.....lb. .08 -
No. 2, bbls.....lb. .07 -
stainless, bbls.....lb. No stocks
Superphosphate,[1] pulverized, run-of-pile, under 22% a.p.a., bulk, prodection points, Balto..unit-ton. .64 -
Florida .....unit-ton. .50 - .55
22%, a.p.a., bulk, prod. points..unit-ton. .55 - .84
deliver points, Ariz., Calif., Colo., Ida., Kans., Nev., N.M., Ore., Utah, Wash., 88½c. per unit-ton plus frt. charge from Anaconda, Mont., in excess of $8.03 per ton.
Superphosphate,[1] gran., 2c. per unit-ton higher than pulverized; guaranteed 18%, 19% or 20% a.p.a., ½c. per unit-ton higher.
triple, 40% and more a.p.a., bulk, producing points, Florida..unit-ton. .62 -
South Carolina..unit-ton. .65 -
Tennessee .....unit-ton. .74 -
Other States and D.C., 62c. per unit-ton plus frt. charge for 48% from E. Tampa, Fla.

T

Talc, grd., dom., aluminum-flake type bgs., c.l., works... ton.14.50 -24.50
l.c.l., works.....ton.16.50 -30.00
Calif., bgs., c.l., works..ton.17.50 -42.00
N.Y., fibrous, coarse, off-color, bgs., c.l., works..ton.13.00 - -
fine, 325 mesh, 93-94%, bgs., c.l., works..ton.13.00 -18.00
98-99.5%, bgs., c.l., wks. ton.15.25 -19.25
99.85-99.95%, bgs., c.l., works..ton.17.00 -21.00
Pennsylvania, bgs., c.l., works..ton.11.00 -13.50
l.c.l. works.....ton.12.00 -14.50
Vermont, bgs., c.l., works. ton.14.00 -
l.c.l., works.....ton.15.00 -
imp., Canad., bgs., c.l....ton.24.00 -30.00
Tallow,[1,5] edible, tanks.....lb. .09¾- -
inedible, extra, loose.....lb. .08¾- -
special, loose.....lb. .08½- -
sulphonated, 35% (24% fat), dms., c.l..lb. .05¾- -
50% (43% fat), dms., c.l...lb. .06¾- -
50% (48% fat), dms., c.l...lb. .07¾- -
Tallow, sulphonated, l.c.l., 1c. higher.
Tamarind, bbls.....lb. .14 - .15
Tankage,[1] animal, feed, 9-11% ammon., bulk..unit-ton. 5.35 -
Chicago .....unit-ton. 5.35 -
fert. grd., 9% ammon., 10% b.p.l., bulk..unit-ton. 4.00 & .10
10-11% ammon., 15% b.p.l., bulk, Chicago..unit-ton. 4.00 & 10
Tansy leaves, bls.....lb. .23 - .24
Tapioca flour,[1,5] Brasil, bgs...lb. .06½- .07¼
Java, bgs.....lb. No stocks

Tar acid oil,[1,6] 15-18%, dms., c.l., works..gal. .26½- .27½
l.c.l., works.....gal. .28½- .29½
25%, dms., c.l., works....gal. .30 - .31½
l.c.l., works.....gal. .32 - .33½
Pine, retort, dms., c.l., dlvd East..gal. .32¾- -
l.c.l., f.o.b. works.....gal. .29¾- -
tanks, dlvd. East.....gal. .27 - -
tanks East .....gal. .24¼- -
Tara, powd. .....ton.135.00 - -
Tarragon herb, bgs.....lb. 1.50 - 1.70
Tartar emetic, tech., gran. or powd., bbls., kgs..lb. .47¾- .48
dms. .....lb. .48½- .51
USP, powd., bbls.....lb. .52¾- .58
South..lb. .24¾- -
l.c.l., South.....lb. .25 - .25¼
USP, cryst., bbls., dms....lb. .70 - .75
Terpin hydrate, com'l, bbls., c.l., powd., bbls., dms.....lb. .75 - .80
Terpineol, com'l dms., c.l., South. lb. .13¼- -
l.c.l., South.....lb. .14 - -
tanks, South.....lb. .13 - -
pure, dms.....lb. .45 - .50
alpha (see A).
Terpinyl acetate, extra, cns., dms..lb. .90 - 1.15
prime, cns., dms.....lb. .75 - 1.00
Terpinyiglycol ether, dms. (extra), c.l., works..lb. .19½- -
l.c.l., works.....lb. .20 -
tanks, works.....lb .19 -
Terra alba (see Gypsum).
Tetrachloroethane, dms., wks.lb. .08 - .08½
Tetrachlorethylene, N.F., VI, 55-gal dms., works..lb. .20 - .21½
smaller dms., works.....lb .23½- .25½
tech. (see Perchloroethylene)

Zinc Chromate FIGHTS
THE RAVAGES OF CORROSION

Ships being readied for sea in America's aggressive shipyards receive a zinc chromate primer to protect them, during long war voyages, from the ravages of corrosion.

The U. S. Navy and U. S. Maritime Commission recognize that zinc chromate not only has superior corrosion inhibitive properties but its use in paints eliminates tremendous weights, thereby permitting heavier armament, or increased speed. Zinc chromate primers also find extensive application in aircraft construction for Army and Navy use. This is just another example of a vital war time job being done by chromium chemicals.

MUTUAL CHEMICAL CO. OF AMERICA NEW YORK
CHROMIUM CHEMICALS

MUTUAL CHEMICAL COMPANY OF AMERICA
270 MADISON AVENUE NEW YORK CITY

Tetralin, dms.....lb. .19 - —
Tetrasodium pyrophosphate (see Soda pyrophosphate).
Thallium sulphate, 99%, bots., works..lb.12.50 - —
Theobromine,[1,6] makers, primary distrib., dms., 25-lb. lots..lb. 2.80 - —
smaller lots.....lb. 2.90 - 3.00
Thiamine hydrochloride,[6] bots., dms., 100 grams..kilo.200.00- —
Thiocarbanilide, dms.....lb. .24 - —
Thiourea, CP, dms.....lb. .55 - .56
Thorium nitrate, cs., works....lb. 2.00 - —
Thyme,[2] Spanish, bls.....lb. .21 - .21½
Thymol, cns.....lb. 2.40 - 2.75
Iodide, bots.....lb. 3.98 - 4.19
dms.....lb. 3.40 - 3.80
Tikitiki (see Rice bran).
Timbo root,[2,6] (see Cube root).
Tin chloride, anhydrous.....lb. No stocks
Crystals, bbls., bgs.....lb. No stocks
Metal,[1,6] Straits.....lb. .52 - —
Oxide, bbls.....lb. No stocks
Tetrachloride, anhyd., dms., works..lb. .31 - .33
Titanium dioxide,[1,2] chalk resistant, bgs., c.l., divd..lb. .15 - —
l.c.l., 5 tons one deliv., divd..lb. .15¼- —
smaller lots, divd....lb. .15½- .15¾
nonchalking,[6] bgs., c.l., divd. E..lb. .16½- —
l.c.l., 5 tons one deliv., divd..lb. .16¾- —
smaller lots, divd.....lb. .17 - .17¼
plain,[6] bgs., c.l., divd.....lb. .14½- —
l.c.l., 5 tons one delivery, divd..lb. .14¾- —
smaller lots, divd.....lb. .15 - .15¼
Hydride, cns., works.....lb. 7.00 - 8.00
Pigment, barium base,[6] bgs., c.l., divd..lb. .05¾- —
l.c.l., divd.....lb. .06 - —
calcium base,[6] bgs., c.l., divd., lb. .05½- —
l.c.l., divd.....lb. .05¾-

Titanium pigment, calcium-rutile base,[6] bgs., c.l., divd..lb. .05½- —
l.c.l., divd.....lb. .05¾- —
magnesium base,[6] bgs., c.l., divd..lb. .05¾- —
l.c.l., divd.....lb. .06 - —
Titanium dioxide and pigment in bbls. ¼c higher; Pac. cst., ¼c. higher, c.l., divd., l.c.l., ex whse.
Tetrachloride, CP, dms., works, 55-gal..lb. .57 - —
smaller pkgs. works.....lb. .65 - 1.25
technical, 55-gal. dms., works. lb. .32 - —
smaller pkgs., works.....lb. .40 - 1.00
Tolu balsam, cns.....lb. .80 - .82
Toluene (see Toluol).
Toluidin base, distilled, kgs...lb. .96 - —
mixed, dms.....lb. .28 - —
Toluol[6] (toluene), 2° irdus., dms., return..gal. .33 - —
tanks, E. of Omaha, frt. alld. to 2c. per gal..gal. .28 - —
West, Minnequa, Colo...gal. .28 - —
1° nitration, dms., return..gal. .34½- —
tanks, E. of Omaha, frt. alld. to 2c. per gal..gal. .29½- —
West, Minnequa, Colo...gal. .29½- —
Tonga, 50% bark and vine, bbls.lb. .90 - .95
Tonka beans, Angostura, cks..lb. 2.50 - 2.80
Brazilian, Surinam, cs.....lb. .80 - .85
Totaquine,[1,6] USP XII, 100 ozs., oz. .52 - —
Triacetin, dms., works.....lb. .29 - .30½
Triamyl borate, dms., works...lb. .33 - —
Triamylamine, dms., c.l., works. lb. .96 - —
l.c.l. .....lb. 1.01 - —
Tributyl citrate, 475-lb. dms..lb. .26 - .2?
smaller pkgs.....lb. .34 - .40
Phosphate, dms., l.c.l., divd..lb. .47 -
cns., works .....lb. .51 -

Tributylamine, dms., c.l., works. lb. .76 - —
l.c.l. .....lb. .81 - —
Trichlorobenzene, dms., c.l., frt. alld..lb. .08 - —
l.c.l., same basis.....lb. .08½- —
tanks .....lb. .07½- —
Trichloroethylene,[6] dms., c.l., works, frt. alld. Zone 1..lb. .08 - —
Zone 2, same basis.....lb. .08½- —
Zone 3, same basis.....lb. .09 - —
Zone 4, ex whse.....lb. .09 - —
Trichloroethylene l.c.l., prices, ¼c. higher. Zones are:—(1) Conn., Del., Ill., Ind., Ia., Ky., Me., Md., Mass., Mich., Minn., Mo., N.J., N. Y., N.C., Ohio, Pa., R.I., Tenn., Vt., Va., W. Va., Wis., Omaha, K.C., Kan.; (2) Ala., Ark., Fla., Ga., Kan., La., Miss., Neb., N.D., Okla., S.C., S.D.; (3) Col., Mont. (E), N.M., Tex., Wyo.; (4) Ariz., Cal., Idaho, Mont. (W), Nev., Ore., Utah, Wash.
Tricresyl phosphate,[6] CP, cns., works..lb. .43½- .54½
dms., c.l., divd.....lb. .37½- —
l.c.l., divd.....lb. .40½- —
tech., cns., works.....lb. .28½- .45½
dms., c.l., divd.....lb. .26 - .31
l.c.l., divd.....lb. .25½- .31½
tanks, divd.....lb. .24 - .30
Triethanolamine,[6] dms., c.l., works..lb. .19 - —
l.c.l., works.....lb. .20 - —
tanks, works.....lb. .18 - —
Triethyl phosphate, cns.....lb. .46 - —
Triethylamine, dms., works....lb. 1.16 - —
Triethylenegiycol[6] (dms.....lb. .36 - —
Trimethylamine, dms., c.l., divd. lb. .85 - —
l.c.l., divd.....lb. .90 - —
Triphenyl phosphate,[6] bbls....lb. .31 - .33
Tripoli, air-floated, bgs., c.l., works..ton.21.50 - —
double grd., bgs., c.l., works. ton.17.50 - —
once-grd., bgs., c.l., works..ton.16.00 - —

Trisodium phosphate (see Soda phosphate, tribasic).
Tuba root,[2,4] (see Derris root).
Tungsten metal, powd.,[6] 99-99.7%, dms., works..lb. 2.60 - 5.40
Oxide, kgs.....lb. No prices
Turmeric root, Aleppey, bgs..lb. .12 - .12½
Madras, bgs.....lb. .12 Nom.
Turpentine, gum, dms.....gal. .85 - .86
sulphate-wood, dms., c.l....gal. .65 - .75
tanks .....gal. .57 - .67
wood, d.d., dms., East.....gal. .65 - .70
tanks .....gal. .60 - —
steam-dist., ret. dms.....gal. .77 - .80
tanks .....gal. .72 - —

U

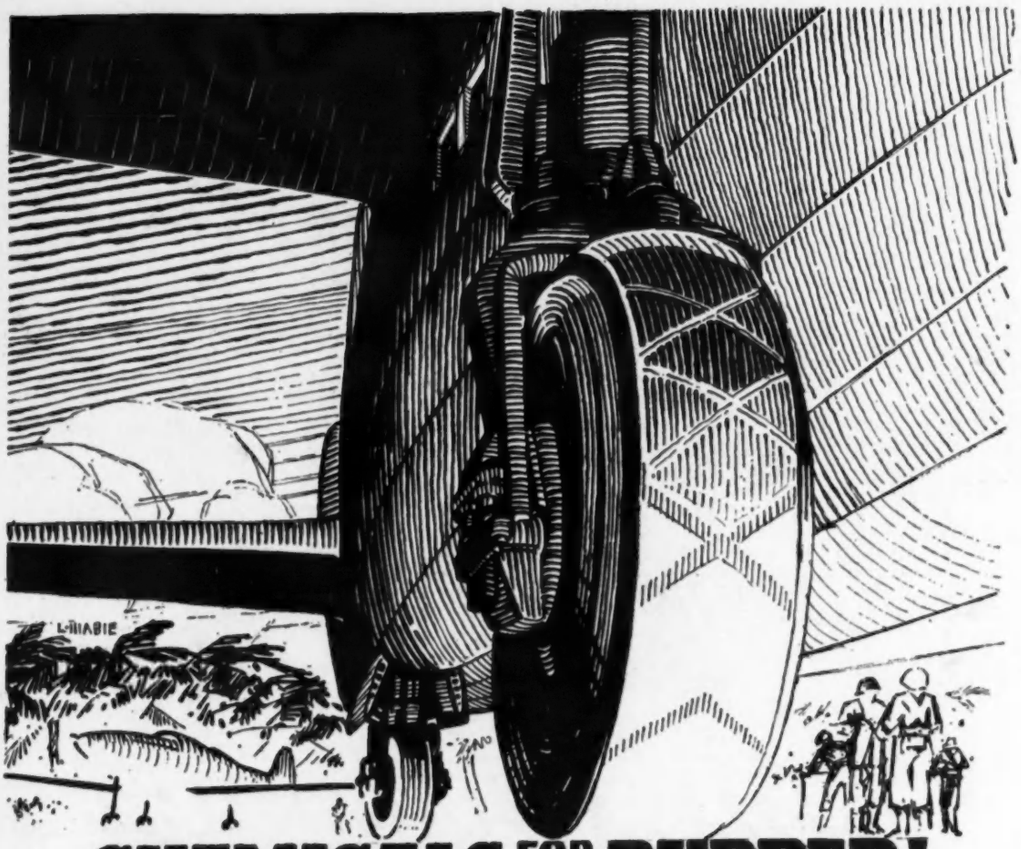
Unicorn root, false (see Helonias root).
True (see Aletris root).
Uranium oxide, black, bgs....lb. 2.55 - —
yellow, kgs.....lb. 1.65 - —
Urea, dom., 46% N., bgs., c.l., works or ship. pts..ton.75.00 - —
l.c.l., ship. pts.....ton.77.50 -85.00
import, pure, cs.....lb. .12 - —
Fertilizer comp., 42% N., bulk, c.l., works or A. or G. ports. ton.37.40 - —
Urea-ammonia liquor, 45% N., tankcars, c.l., works or A. or G ports..ton N.121.58 - —
37% N. (insoluble), same basis. ton N.127.00 - —
Uva ursi leaves, bls.....lb. .22 - .23

V

Valerian root, N. F., bls.....lb. .65 - .70
Valonia, beards, bgs., f.a.s..ton. No prices
Cups, bgs., f.a.s.....ton. No prices
Vanadium pentoxide, CP, bgs., cns., works..lb. 7.00 - —
tech., dms., works.....lb. 1.10 - —
Vanilla beans,[1] Bourbon, tins..lb. 9.25 - 9.50
Mexican, cuts, tins.....lb. 8.25 - 8.75
whole, tins.....lb. 9.00 -11.00
Tahiti, while label, tins...lb. 3.75 - 4.00
yellow label, tins.....lb. 3.50 - 3.75
West Indian, tins.....lb. 8.00 - 8.50
Vanillin,[1] makers, primary distrib., tins, ex eugenol, 25 lbs. or more..lb. 2.60 - —
smaller lots.....lb. 2.65 - 2.75
ex guaiacol or lignin, tins, 25 lbs. or more..lb. 2.25 - —
smaller lots.....lb. 2.40 - 2.50
Venice turpentine, artif., cns..lb. .24 - .25
Verdigris, bbls., bgs.....lb. .23 - .23
Vinyl acetate,[6] chys., wks....lb. .25 - —
dms., c.l., works.....lb. .15 - —
l.c.l., works.....lb. .16 - —
smaller pkgs., works.....lb. .25 - —
Ether, 75 c.c., less 20% and 20%..bot. 1.50 - —
50 c.c., same basis.....bot. 1.05 - —
25 c.c., same basis.....bot. .65 - —
Vinylpyridin, ret. dms., works.lb. 1.50 - —
Viosterol (irradiated ergosterol).. mil units. .10 - .14
Vitamin A (see Oils, codliver, halibut-liver).
B_1 (see Thiamine hydrochloride).
B_2 (see Riboflavin).
B complex, natural (see Rice bran and Yeast).
C (see Acid, ascorbic).
D (see Oils, codliver, halibut-liver, viosterol).
E (see Alpha Tocopherol).
G (see Riboflavin).
P-P (see Acid, nicotinic, and Nicotinamide).
Violet, methyl, toner (see M).
V.M.P. naphtha (see Petroleum, naphtha, v.m.s.).

W

Wahoo, root bark, bls.....lb. .60 - .65
Tree bark, bls.....lb. .28 - .30
Wattlebark, E. Afr., bgs., f.a.s., based on freight $11.70, insurance $1 per ton. Difference for buyers account.. ton.50.00 - —
So. Afr., bgs., f.a.s., based on freight $11.70 insurance $1 per ton. Difference for buyers account .....per ton.46.00 -48.50
liquid, bbls.....lb. .05¾- —
tanks .....lb. .06¼- —
solid, bgs., basis 60% tannin, plus import duty....per ton. .0615- —
Wax, amorphous, 160°-165°, m.p., amber, ctns., 30 tons yearly, contract, group 3, works..lb. .14¼- —
smaller lots.....lb. .14½- .15¼
black, ctns., 30 tons, same basis..lb. .12¾- —
smaller lots.....lb. .13 - .13¾
white, ctns., 30 tons, same basis..lb. .24¾- —
smaller lots.....lb. .25 - .25¾
180°-185° m.p., amber, ctns., 30 tons, same basis..lb. .16½- —
smaller lots.....lb. .16¾- .17¼
black, ctns., 30 tons, same basis..lb. .14¾- —
smaller lots.....lb. .15 - .15¾
white, ctns., 30 tons, same basis..lb. .28¾- —
Bayberry, bgs.....lb. No stocks
Bees',[1] bleached, USP, white, bricks, bgs., ton..lb. .58 - —
discs or cakes, bgs., ton.lb. .60 - —
ctns., ton.....lb. .61 - .65
slabs, bgs., ton.....lb. .57 - —
yellow, crude, African, bgs., ton..lb. .37½- —
Cent. or So. Amer., sunbleachable, bgs., ton.lb. .44¾- —
unbleachable, bgs., ton.lb. .41½- —
ref'd, USP, bricks, bgs., ton. lb. .53½- —
discs, bgs., ton.....lb. .55½- —
ctns., ton.....lb. .56½- .58½
rounds or squares, bgs., ton..lb. .57½- —
ctns., ton.....lb. .58½- .60½
slabs, bgs., ton.....lb. .52¾- —
Candelilla,[1] crude, bgs., ton..lb. .36 - —
smaller lots.....lb. .35 - .42
Candelilla, powdered, 20 mesh, 5c. per lb. extra; 80 mesh, 6½c.; 100-200 mesh, 6c.
refined, bgs., ton.....lb. .44 - —
smaller lots.....lb. .45 - .54
Carnauba,[1] chalky No. 3, bgs., ton..lb. .71¼- —
smaller lots.....lb. .72¼- .81¼
North Country No. 2, bgs., ton..lb. .75¾- —
smaller lots.....lb. .76¾- .85¼
No. 3, bgs., ton.....lb. .73¼- —
smaller lots.....lb. .74½- .83½
refined, bgs., ton.....lb. .76¾- .80
smaller lots.....lb. .77¾- .90
yellow, No. 1, bgs., ton....lb. .83¼- —
smaller lots.....lb. .84¾- .98¼



CHEMICALS FOR RUBBER!

The rubber industry is performing production miracles in supplying our fighting forces and our allies with thousands of items made from natural, reclaimed and synthetic rubber.

America's leading rubber manufacturers look to Stauffer for their supply of special rubbermakers' sulphurs and chemicals because we have both the "know how" and facilities to meet the increased demand of wartime production.

Whatever your chemicals needs are on synthetic, reclaimed or natural rubbers, Stauffers rubbermakers' sulphurs or chemicals will meet your most exacting requirements. Stauffer has been supplying the rubber industry since the turn of the century and has ample facilities to meet the increased demands of war production.

Stauffer CHEMICAL SINCE 1880

STAUFFER PRODUCTS

COMMERCIAL RUBBERMAKERS' SULPHUR, TIRE BRAND, 99½% PURE
REFINED RUBBERMAKERS' SULPHUR, TUBE BRAND, 100% PURE
CRYSTEX (insoluble) SULPHUR
CAUSTIC SODA
CARBON BISULPHIDE
CARBON TETRACHLORIDE
SULPHUR CHLORIDE

Acids
Aluminum Sulphate
Borax
Boric Acid
Citric Acid
*Commercial Muriatic Acid
Commercial Nitric Acid
*Copperas
Cream of Tartar
Liquid Chlorine
Silicon Tetrachloride
Sodium Hydrosulphide
Sulphur
Sulphuric Acid
*Superphosphate
Tartar Emetic
Tartaric Acid
Textile Stripper
Titanium Tetrachloride

(*Items marked with star are sold on West Coast only.)

420 Lexington Avenue, New York 17, N.Y.
444 Lake Shore Drive, Chicago 11, Illinois
624 California Street, San Francisco 8, Cal.
550 South Flower St., Los Angeles 13, Cal.
424 Ohio Bldg., Akron 8, O.—Apopka, Fla.
North Portland, Oregon—Houston 2, Texas

STAUFFER CHEMICAL COMPANY

Wax, carnauba, No. 2, bgs., ton, lb. .81½- —
smaller lots..... lb. .82½- .91¼
No. 3, bgs., ton..... lb. .79 - —
smaller lots..... lb. .80 - .89
powdered (same differentials as candelilla).
Ceresin, dom., 138°-140° m.p., bgs., ton..lb. .13½- .14
jobbing lots..... lb. .14½- .15
150°-160° m.p., bgs., 1 ton. lb. .15½- .16
jobbing lots..... lb. .16½- .17
160°-170° m.p., bgs., 1 ton. lb. .16½- .17
jobbing lots..... lb. .17½- .18
Japan, cs..... lb. No stocks
Montan, bgs..... lb. No stocks
Ouricury,[1] bgs., ton..... lb. .49½- .51¾
smaller lots..... lb. .50½- .61¾
powdered (same differentials as candelilla)
refined, bgs., ton..... lb. .62 - —
smaller lots..... lb. .63 - .72
Paraffin (see under P).
Spermaceti, blocks, cs..... lb. .26 - .27
cakes, cs..... lb. .27 - .28
White lead (see Lead, white).
White pine bark, natural, bls. lb. .04 - .07¼
rossed, bls..... lb. .15 - .16
White precipitate,[2] powd., dms., 50 lbs. or more..lb. 2.44 - —
Whiting, chalk, dry-grd., bgs., c.l..ton.18.00 -22.00
l.c.l. .....ton.20.00 -24.00
wet-ground, bgs., c.l.....ton.21.00 -25.00
l.c.l. .....ton.25.00 -29.00
gilders, boked, bgs., c.l.ton.20.00 -24.00
l.c.l. .....ton.21.00 -25.00
extra-bolted, bgs., c.l...ton.22.00 -26.00
l.c.l. .....ton.23.00 -27.00
Paris white, bgs., c.l...ton.24.00 -28.00
limestone, dry-grd., 325 mesh, bgs., 40 tons, N. E., works ton. 6.00 - —
smaller lots, N.E., wks. ton. 7.00 - 9.00
wet-grd., air-floated, 350 mesh, 95%%, bgs., c.l...ton. 9.35 -10.10
200 mesh, bgs., c.l....ton. 8.60 - 9.50
99% bgs., c.l.....ton. 6.25 - 7.00
water-floated, extra gilders, bgs., c.l..ton.13.00 - —
gilders, bgs., c.l.....ton.12.45 - —
putty grade, bgs., c.l..ton.12.00 - —
Precipitated, bgs., c.l.....ton.14.00 -15.00
l.c.l. .....ton.18.00 -20.00
Wild cherry bark, thick, bls..lb. .05½- .06
rossed, bls..... lb. .15 - .18
thin, bls..... lb. .17 - .18
rossel, green, bls..... lb. .23 - .24
Wild indigo root, bls..... lb. .18 - .19
Witch-hazel extract, dist., NF, bbls..gal. .70 - .75
Leaves, bls..... lb. .10 - .12
Witherite (see Barium carbonate, natural).
Woodflour, 40 mesh, bulk, c.l., N. Tonawanda, N.Y..ton.20.00 - —
60 mesh, same basis.....ton.24.00 - —
80 mesh, same basis.....ton.27.00 - —
100 mesh, same basis.....ton.30.00 -32.00
Woodflour, in bags, 25c. each extra, returnable.
Wormseed, American, bgs.....lb. .20 - .23
Levant ..... lb. 6.50 - —
Wormwood, bls..... lb. .50 Nom.

X

Xylene (see Xylol).
Xylol[4] (xylene), indus., dms. return., works..gal. .32 - —
tanks, E. of Omaha, frt. alld. to 2c. per gal..gal. .27 - —
West, Minnequa, Col....gal. .27 - —
10°, dms., return, works...gal. .35 - —
tanks, E. of Omaha, frt. alld. to 2c. per gal..gal. .30 - —
5°, dms., return, works....gal. .42 - —
tanks, E. of Omaha, frt. alld. to 2c. per gal..gal. .37 - —
3°, dms., return, works.....gal. .47 - —
tanks, E. of Omaha, frt. alld. to 2c. per gal. .42 - —
Xylol petroleum solvent, ret. dms., No. N. J.....gal. .26 - —
Xylidin, mixed, dms..... lb. .35 - .36

Y

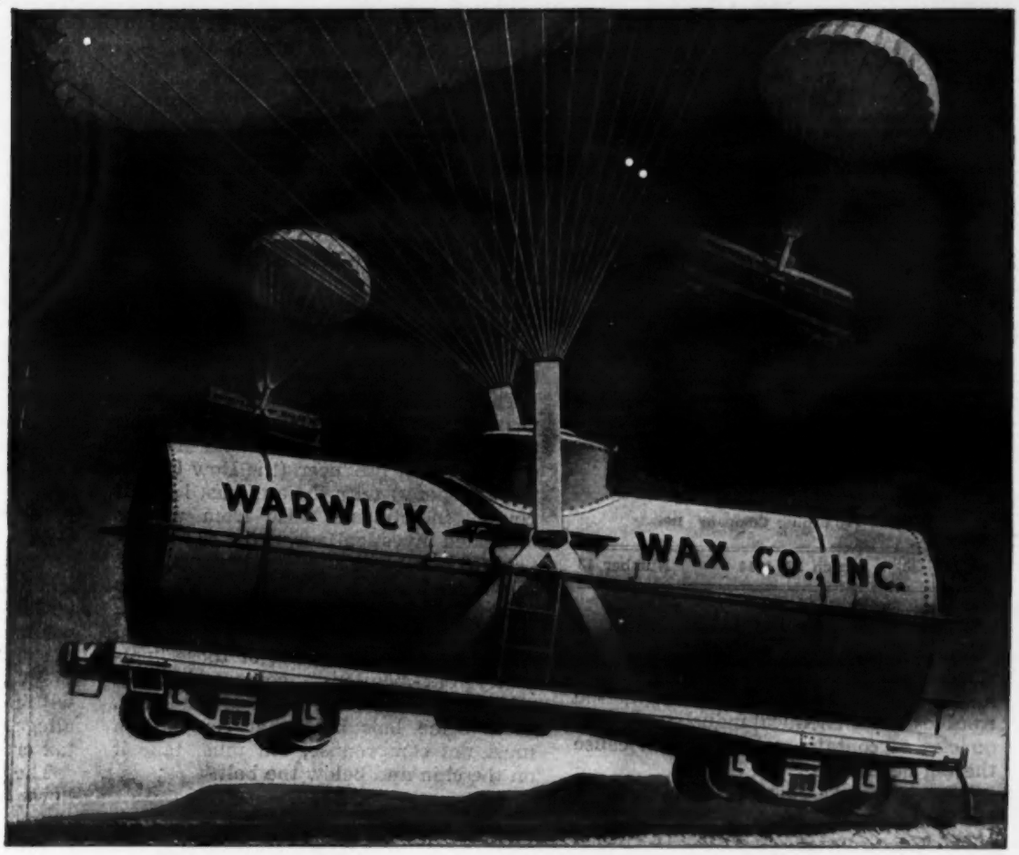
Yara yara, cryst., bots., cns...lb. 1.75 - 2.20
Yeast, brewer's, dry, 50 B units, dms..lb. .35 - —
90 B units, dms..... lb. .45 - —
200 B units, dms..... lb. .50 - —
300 B units, dms..... lb. .60 - —
Yellow, benzidin, bbls., dlvd...lb. 1.35 - 2.25
Cadmium, CP, import, bxs...lb. 1.35 - 1.40
Chrome CP, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. R., including Davenport, Minneapolis, Rock Island, St. Louis, St. Paul, contracts,..lb. .16 - —
Chrome yellow prices are ¼c. higher, dlvd. Ala., Fla., Ga., La. (Shreveport. 1¼c.), Miss., N. C., S. C., Tenn., Tex. (Dallas, 1¼c; Ft. Worth, 1½c.; El Paso, 2c.). Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph, 1.6c. higher dlvd. Pac. Coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
Dutch, pink, bbls..... lb. .09 - .11
Hansa, bbls., same basis as chrome..lb. 1.27 - —
primrose, bbls., same basis.lb. 1.75 - —
Lithopone, bbls., ton, E. of Rockies..lb. .55 - —
packages, same basis....lb. .65 - —
Sulphide, orange, cs., kgs., works..lb. 1.10 Nom.
Mercury oxide, bbls., 1,000 lbs. lb. 2.27 - —
smaller lots..... lb. 2.29 - —
Ocher, American, golden, bbls., works..lb. .04½- .06½
yellow, bbls., works....lb. .02 - .02¾
French type, bbls., c.l....lb. .0345- —
l.c.l. .....lb. .0365- —
Oxide, nat., bbls., c.l., f.o.b. Bethlehem, Easton, Pa...lb. .04½- —
l.c.l., same basis.....lb. .05 - —
synth., bbls., c.l., works...lb. .07 - —
l.c.l., works..... lb. .071 - —
Persian orange (see O).
Zinc,[6] bbls., same basis as chrome..lb. .15 - —
Navy spec. type, bbls., contracts..lb. .15 - —
Yellow dock root, bls..... lb. .38 - .40
Yellow root (xanthorisa), bls..lb. .18 - .20
Yerba santa leaves, bls..... lb. .14 Nom.
Yohimbine hydrochloride, vls..oz. 3.00 - 5.75

Z

Zein,[6] bgs., 1,000 lbs., works..lb. .25 - —
smaller lots, works.....lb. .30 - —
Zinc acetate, tech., bbls., dlvd..lb. .16 - .17
USP, bbls., 250 lbs.....lb. .26 - .27
kgs., 100 lbs..... lb. .29 - —
Arsenite,[2] bgs., c.l., frt. alld. E. of Rockies..lb. .11¾- .12¼
l.c.l., same basis.....lb. .12¼- .12¾
Zinc borate, bgs., c.l.....lb. .12 - —
l.c.l. .....lb. .12½- —
Carbonate, tech., bbls.....lb. .14 - .20
USP, precip., powd., bbls..lb. .35 - —
dms. .....lb. .40 - —
kgs. .....lb. .37 - —
Chloride, tech., fused, c.l., works..100 lbs. 5.00 - —
l.c.l., works.....100 lbs. 5.35 - —
gran., dms., c.l., works.... 100 lbs. 5.75 - —
l.c.l., works.....100 lbs. 6.50 - —
Chloride, USP, dms.....lb. .30 - .31
jars .....lb. .35 - .36
solution, 50%, dms., c.l., works. lb. .0315- —
l.c.l., works.....lb. .04¼- .04½
tanks, works.....lb. .0250- —
Chromate (see Yellow, Zinc).
Cyanide, kgs., works.....lb. .33 - .37
Dust,[6] bbls., c.l., dlvd.....lb. .1035- —
l.c.l., works.....lb. .1135- —
Fluoride, bbls..... lb. .25 - .30
Iodide, NF, bots..... lb. 4.54 - —
jars ..... lb. 4.40 - —
Metal,[1,2,5] (quotations in Paint Market report).
Naphthenate, 8%-10% Zn, 50-gal. dms..lb. .15 - .19¼
Laurate, bbls. .....lb. .32 - .33
Oxide, pigment, dom., acicular,[6] bgs., c.l., dlvd..lb. .07½- —
l.c.l., dlvd.....lb. .07½- —
lead free,[6] bgs., c.l., dlvd., lb. .07½- —
l.c.l., dlvd.....lb. .07½- —
leaded, 5%, bgs., c.l., dlvd, lb. .07½- —
l.c.l., dlvd.....lb. .07½- —
35% or more, bgs., c.l., dlvd..lb. .07 - —
l.c.l., dlvd.....lb. .07¼- —
Zinc oxide, leaded, French process, com'l, lead free,[6] bgs., c.l., dlvd..lb. .07½- —
l.c.l., dlvd.....lb. .07½- —
green seal, bgs., c.l., dlvd. lb. .60 - —
l.c.l., dlvd.....lb. .09¼- —
red seal, bgs., c.l., dlvd..lb. .08½- —
l.c.l., dlvd.....lb. .08¾- —
white seal, bgs., c.l., dlvd, lb. .09½- —
l.c.l., dlvd.....lb. .09¾- —
USP,[6] 50-lb. ctns., c.l.....lb. .10½- —
l.c.l. .....lb. .10¾- —
Zinc oxide in bbls., ¼c. higher; Pac. cst., c.l., dlvd., and l.c.l., ex whse., ½c. higher.
Resinate, 8.7% Zn, 100-lb. dms. lb. .14½- —
fused, pale, bbls.....lb. .11 - .12
precipitated, dms., dlvd....lb. .15 - —
Silicofluoride, bbls.....lb. .15 - .18
Stearate, tech., ctns., c.l., frt. equald..lb. .29 - —
ton lots, frt. equald...lb. .30 - —
ctns., smaller lots, frt. equald..lb. .31 - —
USP (same prices as tech.).
Sulphate, cryst., bgs., c.l.100 lbs. 3.60 - —
l.c.l. .....100 lbs. 4.35 - —
flake, bgs., c.l.....100 lbs. 4.10 - —
l.c.l. .....100 lbs. 4.85 - —
powd., bgs., c.l.....100 lbs. 5.90 - —
l.c.l. .....100 lbs. 6.55 - —
Zinc sulphate in bbls., 25c. higher.
Sulphide,[1,5] pure, bgs., c.l., dlvd..lb. .06¼- —
l.c.l., dlvd.....lb. .06¾- —
bbls., c.l., dlvd.....lb. .06½- —
l.c.l., dlvd.....lb. .06¾- —
barium pigment, bgs., c.l., dlvd..lb. .0560- —
l.c.l., dlvd.....lb. .0585- —
Zinc sulphide, calcium pigment, bgs., c.l., dlvd..lb. .0560- —
l.c.l., dlvd.....lb. .0585- —
fluorescent, pigment, works, frt. alld..lb. .90 - 1.00
magnesium pigment, bgs., c.l., dlvd..lb. .05¾- —
l.c.l., dlvd.....lb. .06 - —
Zinc sulphide on Pac. cst. ¼c. higher for pure, ½c. for others.
Sulphocarbolate, NF, bbls., dms. lb. .36 - .31
Tallate, 5% Zn, 50-gal. dms..lb. .06¾- —
Yellow (see Yellow, zinc).
Zinc-ammonia chloride, dms., c.l., works..100 lbs. 5.65 - —
l.c.l., works.....100 lbs. 6.70 - —
Zinc-cadmium sulphide, fluorescent, works, frt. alld..lb. 2.00 - 2.35
Zinc-iron oxide pigment, bgs., c.l., dlvd..lb. .06 - —
l.c.l., dlvd. E. of Rockies. lb. .06¼- —
dlvd., Pac. cst.....lb. .06¾- —
ex whse., Pac. cst.....lb. .07 - —
Zirconium hydride, cns., works. lb. 7.00 - 8.00
Nitrate, kgs., works.....lb. 3.00 - 4.00
Oxide, crude, 70-75%, grd., bbls., works..ton.75.00 -100.00
white, 98%, grd., kgs., works. lb. 1.80 - 2.00

Synthetic Resins

The customary monthly listing of prices for synthetic resins and other branded paint materials will appear next in the April 3 issue of OPD.



The new, modern manufacturing plant of our affiliate, Western Wax Company, is ready to fill your wax requirements.

WIRE • PHONE • WRITE

Warwick Wax Co., Inc.

580 FIFTH AVENUE, NEW YORK CITY

A Subsidiary of Warwick Chemical Company

© 1944 Warwick Chemical Co.

Impregnole Water Repellent • Luminous Pigments • Metallic Stearates • Metallic Resinates
Petroleum Waxes • Sulfated Oils • Synthetic Detergents • Textile Compounds • Wetting Agents

"And Freedom's banner streaming o'er us"

Oil, Paint and Drug Reporter

Founded October 18, 1871, by William O. Allison
Directed, 1900-1942, by Harry J. Schnell

Published every Monday in New York by
SCHNELL PUBLISHING COMPANY, INC.,
59 John Street, New York 7, N. Y., U. S. A.
Telephone REctor 2-9570. Cable Address Reporter, New York.

William S. Auchincloss, President and Treasurer; Jean Schnell Auchincloss, Vice-President; Hugh Craig, Vice-President; Burr Price, Vice-President; M. B. Powers, Assistant Treasurer; A. L. Koch, Secretary.

Incorporating the Drug, Paint and Oil Trade, The New York Drug Bulletin, The Weekly Drug News, the New York Druggists' Price Current, The Soap Makers Journal, the Oil and Paint Review, and International Petroleum Reporter.

Annual subscription rates, including postage, in the United States and possessions, Cuba, Mexico, Central America and South America, $5.00; Canada and Newfoundland, $7; other countries, $10.00; single copies, 25 cents each.

Member of Audit Bureau of Circulations.

Entered at the Post Office at New York as second-class matter January 15, 1884, under the act of March 3, 1879.

Copyright, 1944, by Schnell Publishing Company, Inc.

Vol. 145 March 27, 1944 Number 13

Containers and Men

Materials—raw, intermediate, and finished—scarce as they may be in some instances, are subordinate among the troubles of the chemical industry. Inadequacies of containers and of men cause the big headaches.

The manpower problem of the chemical industry dates back to the beginning of selective service. It fell with special percussions on the industry because chemical plants had always been among the good payers as employers, therefore were able to get the pick of men, and because chemical plants were not inclined to try to get along with short crews. Manpower troubles came as something new. They were, have been, and are also something serious. Work in a chemical plant requires better-than-average ability even in its unskilled workers because they must have sense enough to keep away from the hazards which lie all about in various degrees of severity from simple "hacked" skin to sudden death.

So, the chemical industry has been sorely tried by the demands of war, which also prefers men of better-than-average mental, as well as physical, equipment. Because the chemical industry has not had to make revolutionary changes in its operations to meet the demands of war, there is a tendency among those concerned with the manning of the fighting war to feel that anybody can do what has been done so long with so little blah, bluster, and brag. Nothing could be farther from the truth—the top military men know this and admit it; it is among subordinates that proper awareness is lacking.

The chemical industry can do at least something to alleviate its manpower troubles through cooperation with industries which are feeling the effects of cutbacks in war buying. It would be but common sense for selective service officials, big and little, to facilitate and further such conversions.

But, the chemical industry must work out its container problem between itself and its customers. There just aren't enough cylinders and drums to carry essential shipments as long as goodly numbers of these containers are kept out of circulation, whether by reason of carelessness or of selfish disregard—both influences are at work.

The chemical industry can make what the country needs—and that has a part in everything essential to today's requirements—if it be permitted adequately to man its operations. It can supply all these hundreds of needs if it is kept free from the handicaps all too commonly imposed by those who don't give a damn when containers are returned.

—O-P-D—

Scrambled Economics

To all but the easychair economist and ingleside industrialist there is something strange in the economic dictum of the Truman committee that the prewar production of magnesium in the United States should have been at least equal to that in other countries. What should have been done with the metal, for which there was no market, and who would pay for its production, seems not at all to concern the committee.

The Department of Justice took a nastier view—what it customarily refers to as "restraint of trade"—and hit the country's first producer (the Dow Chemical Company) with the antitrust law. Of course, indictments arise from wholly one-sided investigations, and it is not difficult for a prosecutor to make a case sound good when nobody is allowed to contradict or interrogate him.

It was that way with the magnesium suit, which ended in one of those "not-guilty - but - penitent" compromises of which the trust-busters are so fond. Yet, these same lads hold that competition must not compromise, but must take it on the chin and below the belt.

—O-P-D—

Don't Block Progress

Not the least disturbing of the phases of the problem of postwar disposition of war production plants and equipment is its revival of the argument of the twenties on whether overproduction or underconsumption is responsible for the damming of the free flow of trade. That argument never was decided. It was never ended: merely laid aside during the depression period when both production and consumption were inadequate.

It cannot be denied that this country's system of distribution was not developed in keeping with the technical progress of production. In spite of the fact that advertising quadrupled the number of users of dentifrices and takers of vitamins and owners of automobiles, none of these widely distributed articles has fully covered its field, and there are for every one of them a hundred other useful articles which are not possessed by more than 25 percent of those who would like to have them.

The reason for this underconsumption is the fundamental cause of all economic unsatisfactoriness—the cost is too high. The biggest item in this cost—relatively speaking, of course—is the cost of distribution. If production costs had not been reduced to any greater extent than costs of distribution during the current century, production of automobiles would still be counted by hundreds.

There is a somewhat widespread idea that the extra productive capacity developed as a result of war's demands should be scrapped when its war job has been completed. From whatever angle it be viewed—government expenditure, free competition, equal opportunity, better living, or plain wastefulness—that idea is stamped with economic futility, something that is at odds all 'round with the enterprise of which American business justly is proud, but actually is not well informed. If it were, such things as plowing under crops and massacring piglets would never get even a hearing. Scrapping or shutting down plants of productive usefulness is in the same category.

There is more than a political slogan in the declaration that one-third of the people of the United States are far below the nation's average in living conditions. Rectification of that maldistribution of the benefits of a land of freedom and plenty should be recognized and accepted as a responsibility of business. It cannot be accomplished by refusing to make what is necessary for its doing. It cannot be accomplished as long as the distribution of the benefits of technical progress is blocked by adherence to inadequate methods.

Government is not bound by the realities of economics any more than it is by a regard for profit. So, if business does not provide a way to make full peacetime use of war's producers, government will repeat its practice of going some place in such an endeavor whether it knows the way or not.

—O-P-D—

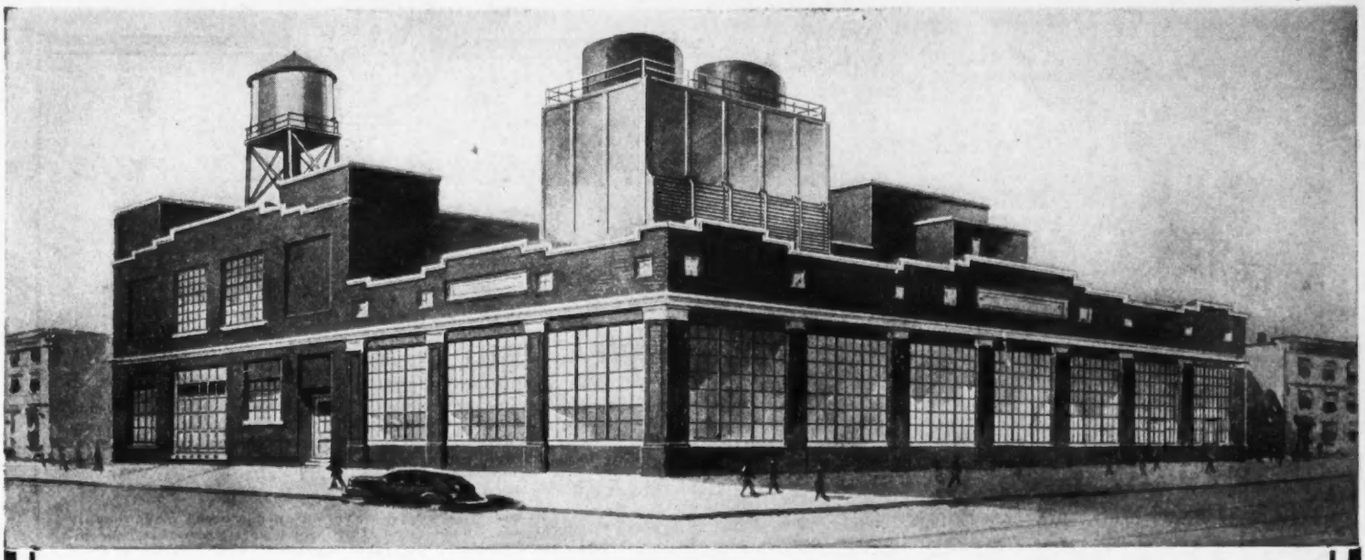
Talk Is Treacherous

Suit has been brought against the Secretary of War by a Pennsylvania manufacturer who seeks to enjoin the withholding of $1,200,000 by the War Department on a contract on which it claims the company had an excess profit of $5,200,000 in 1942. The $1,200,000 is to be withheld as the difference between the alleged excess profits and the offsetting tax credit.

The manufacturer is quoted in the newspapers as having said that the government failed to take into consideration that "the profits made were on items on which the firm holds patents."

The merits of the action against the Secretary of War are for the courts to determine. The ineptness of that implication that profits from patents are sacrosanct is of interest here, because of its timely politicoeconomic significance. Those who go about bewailing the logic of business will find therein reason for vigorous sorrowing. Those who argue that the philosophies of businessmen unfit them for positions of responsibility will chortle glad "I-told-you-so's." And those who would legislate all patent rights into the public domain will set forth on a snakedance of victory through congressional corridors.

Just why will businessmen talk that way? They are not alone in their misinterpreting of privileges as rights. But, their sins under that fault stand out for all to see and many to stone. There is nothing so destructive of desirable public relations as are public utterances or public actions which disregard common sense or common decency. There is nothing so greatly needed by business today and for tomorrow as public relations which are actually friendly and sincere.



PENICILLIN PLANT

PENICILLIN
LARGE-SCALE PRODUCTION

We are happy to announce that large-scale production of Penicillin has been started in our new plant. This comprises:—

First, a building of some 30,000 sq. ft. of floor area given over solely to the growth of the mold producing this drug and to the separation and purification of the active principle;

Second, facilities for drying and packaging under aseptic conditions, utilizing an additional 20,000 sq. ft. of floor area;

Third, laboratories for control assays and final thorough tests for potency, sterility, and freedom from pyrogenic and other toxic substances. These include air-conditioned quarters for the animals used in these tests.

Erection of this plant was at the earnest request of our government. Recognizing the urgent need for Penicillin by our armed forces, we have pushed this construction with all possible speed and its completion has been accomplished in an almost unbelievably short period.

Its operation will increase our output of this important bacteriostatic agent many times and will have a most pronounced influence on its availability.

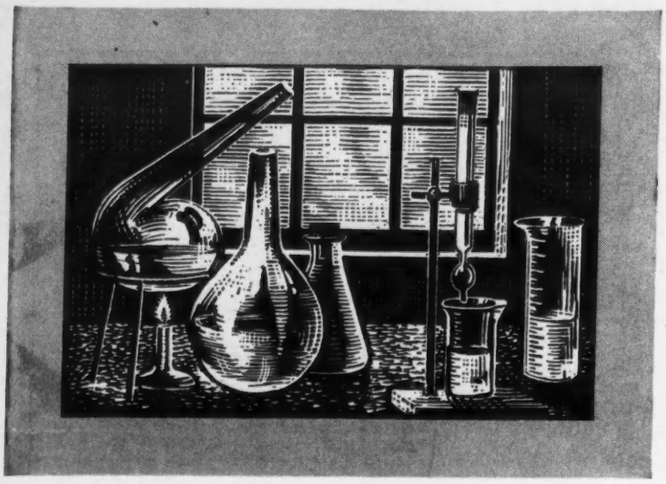
Chas. Pfizer & Co., Inc., 81 Maiden Lane, New York 7, N. Y. — 444 W. Grand Ave., Chicago, Ill.

PFIZER QUALITY

Chemicals For Those Who Serve Man's Well-Being

Manufacturing Chemists · Established 1849

OPD—3-27-1944



SODIUM BENZOATE U. S. P.

Standard and Powdered

BENZALDEHYDE N. F., F. F. C.

Technical

Prompt service to any part of the United States

•

TENNESSEE PRODUCTS CORP.

PLANT AT CHATTANOOGA, TENN.
GENERAL OFFICES: NASHVILLE, TENN.

•

SALES REPRESENTATIVES

WM. S. GRAY & COMPANY
342 Madison Avenue New York 17, N. Y.
Phone: MUrray Hill 2-3100

A Magnesia Specialty House

CALCINED MAGNESIA
(MAGNESIUM OXIDE)
Exclusively

EXTRA LIGHT

The *Original* Neoprene Type

A supreme quality product. Extremely fine state of subdivision. Very Active. Calcined from carefully selected Carbonate. Uniform quality maintained through rigid laboratory control of modern production methods.

HEAVY

Many special types available for various specific uses. We can supply Heavy Magnesia finely ground to meet exacting screen test specifications or unground in granular form for chemical use. L. C. L. shipments from stocks in Philadelphia, New York City, and Chicago. Special service on Carload Shipments.

PACKAGES—Specially designed to protect contents from moisture and air Corrugated carton with special waterproof liner, and inner paper liner. Five-ply multi-wall bag, including asphalt liner. Special Export packages for regular Export trade, also Army and Navy specification bags.

General Magnesite & Magnesia Co.

Manufacturers - Importers - Distributors
2960 EAST VENANGO STREET
PHILADELPHIA 34, PA.

HYDROCHLORIC ACID

★

SALT CAKE

★

BAY CHEMICAL COMPANY, INC.
NEW ORLEANS, 9, LA.

DU PONT PARAFORMALDEHYDE

Powder or Granular, 95%

IMMEDIATE SHIPMENT

WPB Allocation Order M-25 as revised January 6, 1944, permits purchase under "Small Order Exemption" of quantities up to 3,000 lbs. of Paraformaldehyde, 10,000 lbs. of Formaldehyde and 10,000 lbs. of Hexamethylenetetramine in any calendar month. These amounts can be obtained without application to WPB.

Quantities in excess of the above require application on form WPB-2945 (PD-600).

FOR YOUR REQUIREMENTS OF

PARAFORMALDEHYDE
FORMALDEHYDE
HEXAMETHYLENETETRAMINE

. . . consult our nearest district office. E. I. du Pont de Nemours & Co. (Inc.), Electrochemicals Department, Wilmington 98, Delaware. District Sales Offices: Baltimore, Boston, Charlotte, Chicago, Cleveland, Kansas City,* New Orleans,* New York, Philadelphia, San Francisco.

*Barada & Page, Inc.

DU PONT
REG. U. S. PAT. OFF.

DU PONT ELECTROCHEMICALS

Better Things for Better Living . . . *Through Chemistry*

Heavy Chemicals

Movement of heavy chemicals was maintained at a relatively high level during the month of March. Demand in several instances was broad enough to prod production and prevent stock accumulations. This condition was reflected in short supplies for additional market requirements and buyers often experienced difficulty in extending commitments. On the other hand, improvement could be noted in the supply position of some of the acids. In this department, continued heavy production of acetic, muriatic, nitric and sulphuric acids rather than a relaxation of industrial demand, was the potent influence that brought about easement in buying conditions. The improvement in the situation appears pronounced when compared with conditions six months back.

In the alkali market, there was no loosening of supplies. Producers have a big problem in satisfying contract orders. As previously stated, progress has been made in keeping up with schedules but there was still some backlog slack to be pulled in before equilibrium could be fully restored. Such items as soda fluoride and soda hydrosulphite have remained in a definitely tight position under an increased demand.

Metal container shortage has caused delayed shipments. In methyl chloride, it was reported that cylinders were more difficult to secure than the material but the scarcity of metal containers seemed to be general. the pinch being emphatic in the ammonias and some of the potashes.

How far the inroads on production the manpower shortage and prospective shortage will go is problematical but at this time it is difficult to conceive how the shrinking supply will not result in a slowing down of output.

Paper production as a percentage of six-day capacity was 92.2 in the week ended March 16, according to the American Paper & Pulp Association. This compares with 89.1 in the previous week and 88.9 percent a year ago.

Offerings of chemicals listed in some of our market reports are made by the Regional Redistribution Division of WPB, Empire State Building, New York City. Sales will be made in accordance with WPB regulations governing excess and idle inventories.

Carbon Bisulphide.—Slight easement in the supply situation was reported in some quarters although there was no apparent relaxation visible in buying conditions. Increased production of rayon has been responsible for heavy withdrawals of material by that industry while a steady demand has developed for miscellaneous uses.

Chlorine.—Production since the first of the year has been maintained on a basis sufficient to meet consuming demand without unusual difficulty. Interest was manifested in allocations for the second quarter to be announced next month.

Copper.—Output of domestic copper mines will be less this year than in 1943, according to an official of the Copper Division of the WPB. Demands for the armed services for men will probably make heavy inroads on the labor supply. This places the burden of accomplishing the war production job on the men remaining and on the management. Regarding the copper raw material position, WPB stated that all grades of copper base alloy scrap, with the exception of brass rod turnings, are in short supply. Unalloyed copper scrap and high copper content scrap are currently insufficient to meet the requirements of military and highly essential civilian items. Allocations for March exceed anticipated production of copper and the government stockpile had to be drawn upon to make up the deficit.

Lime.—Reports of reduced production at some New England points was heard. The agricultural demand while fair left room for improvement. Farmers in some sections have been slow in covering requirements. An official report gave the 1943 production of dolomite in California at 331,251 tons compared with 142,522 tons in 1942.

Magnesia.—WPB revealed that shipments of magnesium fabricated products doubled in 1943 as compared with 1942. This increase reflects the rising demands of the aircraft program for the light metal, where over 90 percent of the fabricated magnesium is used. Although data on incendiary bomb casting were not revealed, it may be said that shipments of this single type of permanent mold casting exceeded shipments of all other kinds of fabricated magnesium combined. The rate of increase has been most marked in forgings and permanent mold castings, other than bombs, where quarterly shipments at the end of 1943 were more than 1,000 percent greater than at the beginning of 1942.

Manganese Dioxide.—Some excess inventory material, amounting to 8,800 pounds, 200 mesh, was offered for sale by WPB Redistribution Division.

Methyl Chloride.—Difficulty in securing enough cylinders has exerted a restraining influence on the movement of this material. Demand was reported normal for refrigeration uses while the scarcity of containers and the manpower shortage have rather bottlenecked efforts to make deliveries promptly.

Nickel Salt.—WPB Redistribution Division offered for sale 3,075 pounds of single.

Selenium.—Buying interest was not pronounced. While in normal times a steady demand has been experienced from the ruby-glass manufacturers, the movement to this industry has relaxed naturally with outlook rather dubious for the duration.

Soda Ash.—Industrial demand remained heavy. Manpower shortage was the paramount influence in retarding production from reaching even beam. Some producers in better position than others regarding shipments but general supply situation continued tight.

Soda Caustic.—No relaxation in tight position of solid and flaked. Labor difficulties made it difficult to keep contract deliveries moving on time. Liquid was in more favorable position owing to the ability of many consumers to use tankcar containers. No easement in buying conditions for additional lots could be noted.

Soda Fluoride.—Short available stocks kept this market in a definitely tight position. Material seemed to move about as rapidly as produced, thereby preventing the accumulation of reserve supply.

Soda Hydrosulphite.—Deliveries to the textile industry have taxed production and kept the available supply relatively low. The market has assumed a tight position with no material improvement anticipated for the immediate future.

Soda Phosphate-Dibasic.—While the textile industry was reported to be showing some interest in this market, an improved demand was reported from cattle ranges. According to official experiments conducted on ranches, this material rates high as a conditioner. A method has developed by which the chemical is dissolved in drinking troughs. In this way it is claimed that four cents' worth of crystal disodium phosphate helps create two pounds of beef for the table.

Soda Silicate.—Demand reported active for 40° material. Production sufficient to keep supply situation favorable. Corrugated paperbox manufacturers were among the recent buyers.

Zinc Sulphate.—16,400 pounds was

For current prices see alphabetical listing beginning on page 9.

Market Trends

Prices Advanced

None

Prices Reduced

None

Comparative Price Indexes

(100=August 1, 1914)

General Chemicals

Last week.	Prev. week.	Last month.	Last year.
169.6	169.6	170.6	170.2

Acids

Last week.	Prev. week.	Last month.	Last year.
116.0	116.0	116.0	116.0

BARIUM PEROXIDE
BARIUM AND CHEMICALS, Inc., Willoughby, Ohio
Successors to The J. H. R. Products Co.

FINEST QUALITY
BICARBONATE OF SODA
SAL SODA (Carbonate of Soda Crystals)
MONOHYDRATE OF SODA
CHURCH & DWIGHT CO., Inc.
70 PINE STREET Phone Digby 4-2181 NEW YORK CITY

Another Pittsberg Product
POTASSIUM METABISULFITE
An improved crystal form, guaranteed 55% SO_2, pure white, especially effective as a food, beverage and photographic preservative and bleach.
We invite your inquiry on other chemicals
MANUFACTURED BY
PITTSBERG CHEMICAL CO.
3100 EAST 26TH STREET, VERNON, CALIF.

THERE IS NO SHORTAGE OF
Liquid SODIUM SULPHYDRATE
We can supply you with either the by-product or the higher quality direct process material
—WRITE—
BARIUM REDUCTION CORPORATION
SOUTH CHARLESTON, W. VA.

CRESYLIC ACID
Authorized Distributors for the Defense Supply Corporation
SODIUM BENZOATE U.S.P.
AMERICAN-BRITISH CHEMICAL SUPPLIES, Inc.
180 MADISON AVENUE, NEW YORK
Telephones: AShland 4-2265 and 4-2266

OPD—3-27-1944 33

MODIFIED ALKALI
55% CAUSTIC SODA 45% SODA ASH
(Drums of 350 lb. net)
TURPENTINE - LINSEED OIL - ALCOHOL
CHAS. L. READ & CO., Inc., 120 Greenwich St., NEW YORK 6, N.Y.
Telephone COrtlandt 7-8865

Ammonia **ALUM** Potash
ALL GRADES
INTERBORO CHEMICAL CO.
32 Cliff Street, New York 7, N.Y. BEekman 3-2959

POTASSIUM METABISULPHITE
Granular
HUNT CHEMICAL WORKS, Inc.
271 RUSSELL STREET, BROOKLYN 22, N. Y.
Telephone EVergreen 9-4855

METOL
(Monomethylparaminophenol Sulfate)
Registered Trade-mark
Sole Licensee
TANNIC ACID • GALLIC ACID
(U.S.P. and Technical Grades)
ZINSSER & COMPANY, Inc.
HASTINGS-ON-HUDSON, NEW YORK

AMMONIUM PERSULPHATE
- Grade A—Fine crystals . . . Guaranteed not less than 99% pure
- Grade B—Medium crystals—97½% pure

PENNSYLVANIA SALT MANUFACTURING COMPANY
Chemicals
1600 WIDENER BUILDING, PHILADELPHIA 7, PA.
New York • Chicago • St. Louis • Pittsburgh • Minneapolis • Wyandotte • Tacoma

DRUMS RECONDITIONED
CLEANED TESTED RELINED (High Temp.)
DENTS REMOVED BAKED ENAMEL
NEWARK STEEL DRUM CO.
C. J. COLVILLE, President
LINDEN, N.J. Phone 2-4466

Manufacturers of
LIGHT CALCINED MAGNESIA
FOR NEOPRENE COMPOUNDING
Recently expanded facilities permit offering of light Magnesium Oxide suitable for synthetic rubber compounding. Prompt shipments. Write or wire.
MICHIGAN CHEMICAL CORPORATION
SAINT LOUIS • MICHIGAN

Broken Rock
Roll Brimstone
Sublimed Flowers
Rubbermakers
Commercial Flour
Dusting
Wettable
SULPHUR
MANUFACTURED AT HOUSTON, TEXAS, BY
SOUTHERN ACID & SULPHUR CO., INC.
Office: Rialto Building St. Louis 2, Mo.

Maas Phosphates
PHOSPHORIC ACID
75% Food Grade; 85% USP
TRISODIUM PHOSPHATE
Anhydrous and Crystals
DISODIUM PHOSPHATE
Anhydrous and Crystals
TETRASODIUM PYROPHOSPHATE
Anhydrous, Powdered, Granular and Crystals
A R M M
A. R. MAAS Chemical Co.
"ARMed for Chemical Service"
4570 ARDINE STREET • SOUTH GATE, CALIF.

ZINC SULFATE
(monohydrated)
FOR THE INDUSTRY THAT REQUIRES HIGH PURITY
— *Properties* —
- Fine, crystalline
- Free-flowing
- Easily soluble
- Non-caking

100 lb. Bags—(425) Bbls.
Plant shipment prompt, C. L. or L. C. L.
Unexcelled for Rayon Processing
VIRGINIA SMELTING CO.
WEST NORFOLK, VIRGINIA

PHOSPHORIC ACIDS
CALCIUM PHOSPHATES SODIUM PHOSPHATES
VC CHEMICALS
VIRGINIA-CAROLINA CHEMICAL CORPORATION
Richmond, Virginia

COPPER SULPHATE
IRVINGTON SMELTING & REFINING
IRVINGTON WORKS NEW JERSEY
NEW YORK OFFICE · 30 CHURCH ST.

offered for sale by WPB Redistribution Division.

Acids

Acetic.—Improvement in the supply situation has facilitated prompt shipments for all essential uses. Movement guided by WPB regulations.

Chromic.—Supply tight with shipments under strict allocation. Material reported moving as rapidly as produced.

Hydrofluoric.—Heavy demand and tight position of the anhydrous variety have kept the other grades in a firm condition. The call for basic material continued active for use in the manufacture of high octane gasoline.

Lactic.—Technical dark and light grades reported in fairly free supply with prompt shipments available. The edible grades remained relatively short with the position described as tight.

Oxalic.—Deliveries against standing contracts have continued to drain output and prevent the accumulation of any sizable quantities for additional wants. Demand remained somewhat above the production level with shipments in some instances slightly behind schedule. Under such conditions, the supply situation was uncertain. Buyers could obtain material if they were in a position to wait.

Sulphuric.—Supply conditions have continued to improve under the maintenance of heavy production by commercial and ordnance plants. WPB stated that deliveries from ordnance plants have reached a new high. In March these deliveries will amount to approximately 30,000 tons basis 60° in the Southwest and 10,000 tons to the Atlantic coast area from Norfolk North.

Insecticides

In reference to methyl bromide, the following direction has been issued to allocation order M-340:—Authorization for deliveries for fumigation will be issued by allocating a lump sum each month for this purpose, and producers need not list the names of their customers on form WPB-2947 where the end use is fumigation. A distributor who purchases methyl bromide upon certification that it will be resold for fumigation purposes may resell and deliver it for that purpose without specific authorization upon application on form WPB-2947.

Freon supplies which were formerly used to air condition railroad cars are now being used by our military forces to kill mosquitoes, according to the Office of Defense Transportation. Freon is in demand because it is the only satisfactory chemical known for the manufacture of aerosol insecticides.

Demand for calcium arsenate has not improved materially from the cotton growing areas. Early buying of this material would facilitate distribution and ease transportation later on. It is expected that production goals will be reached regardless of continuing manpower problems and the relatively poor quality of crude arsenic.

Recent Imports

All matter under this head fully protected by copyright

ALOE—6 cs, Geck Trading Co
ARAROBA POWDER—24 cs, 917 lbs, S B Penick & Co
BALSAM COPAIBA—21 cs, 2,100 lbs, Dodge & Olcott Co
BABASSU KERNELS—1,000 bgs, 100,000 lbs, Commercial National Bank
50 bgs, 5,000 lbs, American Shell Co
BARBERRY, ROOT BARK—231 bgs, S B Penick & Co
BLOOD, DR—1,912 bgs, 191,200 lbs, Armour & Co
2,818 bgs, 281,800 lbs, Weaver & Hugi
2,500 bgs, 250,000 lbs, Manufacturers Trust Co
BONE ASH—2,166 bgs, Philipp Bros
2,247 bgs, H J Baker & Bro
BONES—3,327 bgs, 332,700 lbs, Eastman Gelatine Corp
1,330 bgs, 133,000 lbs, Armour & Co
5,462 bgs, 546,200 lbs, Bank of Manhattan Co
3,768 bgs, 376,800 lbs, Baugh & Son
BRISTLES—7 cs, M J Saleh
30 bls, Morad Animoff
CARDAMOM—40 cs, 5,200 lbs, G T German
20 cs, 2,600 lbs, Norda Essential Oil & Chemical Co
10 cs, 1,300 lbs, Guaranty Trust Co
CASEIN—1,251 bgs, 162,630 lbs, F H Paul & Stein Bros
1,782 bgs, 231,660 lbs, J Henry Schroeder Banking Corp
4,685 bgs, 609,050 lbs, American British Chemical Supplies, Inc
417 bgs, 54,210 lbs, Atterbury Bros
834 bgs, 108,420 lbs, H S Cramer & Co
3,167 bgs, 411,710 lbs, Casein Co of America
1,694 bgs, 220,220 lbs, American Cyanamid & Chemical Corp
834 bgs, 108,420 lbs, Packing Product Co
423 bgs, 54,990 lbs, Continental Grain Co
417 bgs, 54,210 lbs, Bank of Manhattan
CASTOR BEANS—8,482 bgs, 1,272,300 lbs, Industrial Trust Co
15,300 bgs, 2,295,000 lbs, Commodity Credit Co
9,962 bgs, 1,494,300 lbs, Central Hanover Bank & Trust Co
1,700 bgs, 255,000 lbs, Commercial National Bank
1,593 bgs, 289,950 lbs, Bankers Trust Co
3,540 bgs, 531,000 lbs, First National Bank
233 bgs, 34,950 lbs, Baker Castor Oil Co
3,400 bgs, 510,000 lbs, Irving Trust Co
1,700 bgs, 255,000 lbs, Chemical Bank & Trust Co
CIVET—2 cs, 840 lbs
COCOA BEANS—735 bgs, 187,000 lbs, Geck Trading Co
8,700 bgs, 1,740,000 lbs, Curacao Trading Co
10,700 bgs, 2,140,000 lbs, Machado & Co
14,500 bgs, 2,900,000 lbs, Rockwood & Co
12,000 bgs, 2,400,000 lbs, W R Grace & Co
14,680 bgs, 2,136,000 lbs, General Cocoa Co
17,500 bgs, 3,500,000 lbs, A C Israel Commodity Co
2,500 bgs, 500,000 lbs, Goldman Sachs Co
14,500 bgs, 2,900,000 lbs, General Foods Corp
2,700 bgs, 540,000 lbs, National City Bank
21,100 bgs, 4,220,000 lbs, Wessel Kulenkampf & Co
12,500 bgs, 2,500,000 lbs, Cocoa Trading Co
10,000 bgs, 2,000,000 lbs, Hershey Chocolate Co
2,000 bgs, 400,000 lbs, Carl M Loeb Rhoades & Co
12,000 bgs, 2,400,000 lbs, Niesching & Co
2,000 bgs, 400,000 lbs, Wood & Selick
5,000 bgs, 1,000,000 lbs, Middleton & Co
1,000 bgs, 200,000 lbs, J Aron & Co
1,000 bgs, 200,000 lbs, Kennedy Butcher & Co
FISH MEAL—1,952 bgs, Philipp Bros
GLUESTOCK—230 bls, Consolidated Chemical Co
GUM, MYRRH—20 cs, F H Paul & Stein Bros
101 cs, R D Heins
OLIBANUM—30 bgs, Bank of London & South America
TRAGACANTH—50 bgs, E Soumekh
398 bgs, Balfour, Guthrie & Co
202 cs, Balfour, Guthrie & Co
138 bgs, E Meer & Co
599 cs, E Meer & Co
176 bgs, Habib Subet
55 cs, Morteza Khosrovschahi
10 cs, Nawi Noonoo & Co
21 cs, Mukamal Co
45 cs, Makkah & Co
HAIR, CATTLE—6 bgs, W W Loewy
GOAT—88 bls, Hemphill & Co
335 bls, N Wagman Co
72 bls, P L Scherrer & Son
HORSEMANE—4 bgs, W W Loewy
HORSE TAILS—37 bgs, R Schwarz Bristle Corp
66 bgs, F H Cone & Co
13 bgs, Samuel Zeitlins & Son
HONEY—65 bbls—Chase National Bank Trust Co
JABORANDI LEAVES—167 bls, Inland Alkaloid Co
53 cs, Morteza Khosrovschahi
KAMALA—6 bgs, 840 lbs, Wm M Allison & Co
MALEFERN ROOT—234 bgs, S B Penick & Co
MEDICINAL PREPS—1 carton, J Mas
70 cs, D C Andrews & Co
MENTHOL—4 cs, Brown & Williamson Tobacco Co
MICA—88 cs, H Victor & Co
112 cs, United States Mineral & Chemical Co
MOLASSES—9,100 tons, U S Industrial Alcohol Co
OIL, CASTOR—519 dms, First National Bank
1,239 dms, Commodity Credit Co
CITRONELLA—17 dms, Joensson & Cross
67 dms, Volkart Bros
CODLIVER—303 dms, Arista Oil & Products Co
PAREIRA BRAVA ROOT—20 bgs, 2,244 lbs, S B Penick & Co
QUEBRACHO EXTRACT—28,009 bgs, 3,361,080 lbs, Tannin Export Product Co
6,000 bgs, 720,000 lbs, International Product Co
QUINCE SEED—15 bgs, Nawi Noonoo & Co
47 bgs, E Meer & Co
46 bgs, Makkah & Co
SENNA LEAVES—100 bls, S B Penick & Co
TANKAGE—843 bgs, 84,300 lbs, Armour & Co
2,616 bgs, 261,600 lbs, Tupman, Thurlow & Co
LIVER—693 bgs, 69,300 lbs, Tupman, Thurlow & Co
LIVER AND GLANDULAR—865 bgs, 86,500 lbs, Wessel, Duval & Co
497 bgs, 49,700 lbs, Swift & Co
TEAWASTE—500 bgs, Maywood Chemical Works
TONKA BEANS—24 bbls, Machado & Co
12 bbls, Grace National Bank
16 bbls, Guaranty Trust Co
WAX, CARNAUBA—1,031 bgs, American Cyanamid & Chemical Corp
347 bgs, Strahl & Pitsch
1,238 bgs, Wessel, Duval & Co
460 bgs, Smith & Nichols
78 bgs, Guaranty Trust Co
33 bgs, Simmonds & Grey
688 bgs, Innis, Speiden & Co
384 bgs, Cornelius Product Co
445 bgs, W R Grace & Co
1,366 bgs, S C Johnson & Son
33 bgs, Morteza, Khosrovschahi
134 bgs, Bank of London & South America
53 bgs, T G Cooper & Co
410 bgs, Lenape Trading Co
34 bgs, Wm Diehl & Co
CARNAUBA, PWD—200 bgs, S C Johnson & Son
OURICURY—293 bgs, Wessel, Duval & Co

CLEANING MILLING
GUMS, DRUGS
FOOD PRODUCTS
To
Your Specifications
Try
Gruman's Service
Telephone MArket 3-2491
J. B. GRUMAN CO.
St. Francis, Komorn and Maine Sts.
Est. 1854 NEWARK, N. J.

N.Y.Q. Awarded Army-Navy 'E'

The New York Quinine & Chemical Works, Brooklyn, will be formally awarded the Army-Navy "E" production award early in April.

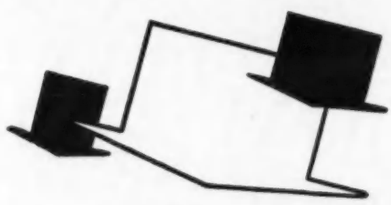
VELSICOLS
AR-50
AND
AR-60
GIVE YOUR SPRAYS
3-STAR
PERFORMANCE

★ **AA KILL**—Vital statistics from Peet-Grady Tests indicate the superior killing power of Velsicol sprays. The Velsicols are uniformly potent, producing AA sprays in concentrations as low as 35% by volume, in base oil. They are stable in all types of containers and for extended periods of time.

★ **STRONGER REPELLENCY**—By actual fly count on University experimental farm cattle, Velsicol blends proved more efficient as repellents than competing sprays. VELSICOL AR-60 in your livestock spray assures vigorous, long-lasting repellency.

★ **GREATER PROFITS**—Manufacturers have consistently established new sales records with Velsicol-based sprays. Volume sales as well as lower unit costs for finished sprays spell larger profits.

Improve your product—increase your sales with the VELSICOLS, AR-50 for household sprays and AR-60 for livestock sprays. Write today for full information. You'll receive prompt, individual attention.



AR-50 and AR-60 SOLVENTS for DDT!

VELSICOLS AR-50 and AR-60 are excellent solvents, even at 0° C., for DDT, the important newly-introduced toxicant. Hence, they are the logical materials for the manufacture of DDT concentrates. Although DDT is now restricted as to use, laboratory and field tests show that VELSICOL-DDT combinations hold great promise for insecticide manufacturers in the post-war period. Their combined operations tend to give total control over many critical insect problems where the specificity of DDT alone will limit its usefulness.

VELSICOL
Corporation
GENERAL OFFICES: 120 EAST PEARSON STREET, CHICAGO
VELSICOL
PLANT: MARSHALL, ILLINOIS

HYDRAZINE SULFATE
HYDRAZINE HYDRATE
FAIRMOUNT CHEMICAL CO., INC., 600 Ferry St., Newark 5, N. J.

COBALT OXIDE
COBALT SULPHATE
COBALT HYDRATE
COBALT ACETATE
§
COPPER OXIDE
BARIUM CHROMATE
GREEN CHROMIUM OXIDE
BLACK ANTIMONY SULFIDE
And Chemical Specialties for Individual Requirements
CERAMIC COLOR AND CHEMICAL MFG. CO.
1000 13th Street — New Brighton, Pa.

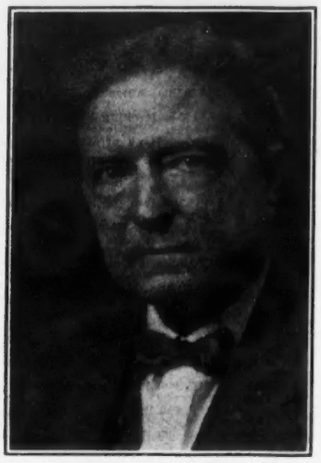
POTASSIUM CHLORATE
INTERNATIONAL SELLING CORP.
67 Broad Street, New York 4, N. Y. WHitehall 4-7490

ORIGINAL PRODUCERS OF
MAGNESIUM SALTS FROM SEA WATER
MARINCO BRAND
MARINE MAGNESIUM PRODUCTS CORPORATION
A dependable source of supply for
MAGNESIUM CARBONATES
HYDROXIDES • OXIDES
(U. S. P. technical and special grades)
Main Office, Plant and Laboratories,
SOUTH SAN FRANCISCO, CALIFORNIA
Distributors
WHITTAKER, CLARK & DANIELS, INC.
NEW YORK: 260 West Broadway
CHICAGO: Harry Holland & Son, Inc.
CLEVELAND: Palmer-Schuster Company
G. S. ROBINS & COMPANY
ST. LOUIS: 126 Chouteau Avenue
★ ★ ★

May to Head USDA

—Continued from page 3

Research Administration since 1942, will direct the work of the department's four regional research laboratories, which deal with industrial and food uses of agricultural products and byproducts. One of these, the Northern Regional Research Laboratory, Peoria, Ill., he organized in 1939 and directed until 1942. Prior to that, 1936 to 1939, he organized and directed the U. S. Regional Soybean Laboratory at Urbana, Ill.



Dr. W. W. Skinner

Dr. May was born in New Albin, Iowa, in 1901. He attended Loras College there and then studied at the University of Minnesota and at George Washington University, where he received his A. B., M. S. and Ph.D. degrees, and later served for a time as instructor in chemistry. He joined the staff of the Bureau of Agricultural and Industrial Chemistry in 1923.

Alkali Plant for Brazil

Companhia Nacional de Alcalis has been organized in Brazil to manufacture soda and byproducts. Production is expected to start in about two years. Annual output will be at least 25,000 tons of soda ash and 20,000 tons of caustic soda.

Rheem Co. Expanding Plant Facilities in New Orleans

The Rheem Manufacturing Company, this city, is increasing the facilities at its New Orleans, La., plant to include a high-speed production line for all types of steel pails and hundred-pound grease drums, including complete and modern lithographing equipment.

Acid Cleaning in Food Plant Sanitation
Consult
THE REX CO.
Division of
P. W. Bonewitz Chemical Co.
BURLINGTON, IOWA
Makers of MIKRO-SAN

HOW TO SPOT TWO 100% DEPENDABLE CHEMICALS
Just look for these Identifying Insignia:
LIQUID Sulfur Dioxide ANSUL*
LIQUID Methyl Chloride ANSUL*
*Reg. U. S. Pat. Off. OP-4-44
ANSUL CHEMICAL COMPANY
MARINETTE, WISCONSIN
EASTERN OFFICE: PAOLI, PENN.

ZINC CARBONATE
STOCKS AVAILABLE
AVERY F. PAYNE CO., Inc. 82 Wall St., New York 5, N.Y.
HAnover 2-2112

FORMIC ACID
85% AND 90% STRENGTHS
Noted for its purity, uniformity, and stability. Will not darken when exposed to light. Will not cloud up when diluted. Free from sulphuric acid, sulphur-bearing compounds, and chlorides.
VICTOR CHEMICAL WORKS
141 WEST JACKSON BOULEVARD CHICAGO, ILLINOIS

CROTON
SODIUM NITRITE
POTASSIUM NITRATE • SODIUM NITRATE • BORAX • BORIC ACID
SODIUM NITRITE • POTASSIUM CHLORIDE • CAUSTIC SODA
SODA ASH • SODIUM PERBORATE • CUROSALT (for curing meat)
WELDING FLUXES • FLAMEPROOFING COMPOUNDS • SPECIAL PRODUCTS USED IN REFINING AND CASTING OF MAGNESIUM AND ALUMINUM
INDUSTRIAL CHEMICALS ESTABLISHED 1936
CROTON CHEMICAL CORPORATION
57 COMMERCE STREET, BROOKLYN, 31, N. Y. PHONE MAIN 5-2410

Textile and Leather Chemicals

The threatening shortage of corn available for starch and other industrial processing was the outstanding feature in the textile and leather chemicals market during the week. Pricewise, reductions in the prices of myrobalans and tara among the tanning materials were reported. Other quotations, generally, were steady.

Call for textile processing agents continues active, although somewhat below the pace in effect several weeks back. Activity in the leather chemical category again centered on quebracho, which is being purchased by tanners for inventory in anticipation of a possible stoppage of shipments from Argentina.

The cotton spinning industry operated at 123.3 percent of capacity, based on an eighty-hour week, compared with 124 percent in January and 135.9 percent in February, 1942, according to the Census Bureau. It was also reported that 11,120,512 running bales of 1943-crop cotton exclusive of linters has been ginned, compared with a ginning of 12,438,033 bales of 1942 cotton.

The same bureau reveals that production of woolen and worsted woven goods in 1943, exclusive of woven felts, amounted to 536,118,000 linear yards, compared with 527,736,000 yards in 1942. The Textile Color Card Association has announced the release of 1944 Fall woolen and rayon colors.

It is estimated that during 1944 approximately 25,000,000 pounds of cottonseed will be treated with organic mercury dusts to help increase the stands and eliminate replanting. As recently as ten years ago practically no seed was so treated. Ethyl mercury phosphate and ethyl mercury chloride are generally conceded to be the most effective agents.

Market Trends

Prices Advanced

None

Prices Reduced

Myrobalans, J1, $10 per ton.
J2, $8 per ton.
Tara, $10 per ton.

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
262.9	263.2	267.4	260.6

Chemicals

Acetic Acid.—Demand continues heavy. Supplies holding comfortable position assumed in recent weeks. Quotations show no change.

Aluminum Acetate.—Call from textile field maintaining good volume. Market tone steady.

Chrome Acetate.—Current demand characterized as rather light. Supplies limited by allocation of basic material. Prices unchanged.

Enzymes.—Satisfactory inquiry reported for textile degumming agents. Quotations steady.

Soda Acetate.—Active movement from producing plants maintained. Market tone steady.

Soda Hydrosulphite.—Supplies continue somewhat tight. Available only on higher priority ratings. Prices unchanged.

Sulphonated Oils.—Turkey red oil remains most easily available, with 75 percent sulphonation grade showing best movement. Sulphonated edible oils remain quiet. Quotations unchanged.

Dyestuffs

Annatto.—Demand restricted by WPB limitation order. Quotations show no change.

Cochineal.—Quotations show no change. Only occasionally called for.

Logwood.—Normal demand holding market in steady position.

Sizing Materials

Albumin, Blood.—Call from tanning industry reported to have dropped off somewhat, normal for the season. Quotations show no change.

Albumin, Egg.—Material now reaching distribution channels in comfortable quantities. Demand is characterized as good, although not over-active, with some balking at the price noted. Schedule of prices steady.

Corn Sugar.—Supply of corn syrups and sugars remains far below demand. Manufacturers of corn products facing severe shortage of corn, with possibility that plants will be forced to discontinue operations. Ample quantities of corn are being held in farmers silos, but little is in storage in elevators. War Food Administration and other government agencies are endeavoring to make the farm-corn available for industrial processors. Prices of corn syrups and sugar continue unchanged, no further word being available on revision of such schedules now under consideration by the Office of Price Administration.

Dextrin, Potato.—Supplies being maintained at comfortable level. Inquiry good. Market tone steady.

Egg Yolk.—Only a fair demand for egg yolk was reported during the week. Supplies are more than sufficient to cover current ordering. Quotations steady at ceiling levels. Egg production per 100 layers on March 1 of 53.1 eggs daily was 1.6 eggs above a year ago and showed a seasonal increase from February 1 of 4.4 eggs, according to reports of commercial producers to the Department of Agriculture.

Starch, Corn.—Deliveries cotninue delayed three weeks or more following receipt of orders. Already heavily backlogged with orders, corn products producers during the week were brought face-to-face with a shortage of corn. As reported in previous issues, the elevators of industrial processing plants and government held corn has been rapidly diminishing. Several plants are already reported to have discontinued operations. Ample corn remains in the hands of farmers, but little has been released into commercial channels because of what is considered an unequitable ceiling price, and bad weather discouraging movement to public storage bins.

The War Food Administration on March 23 ordered country grain elevators in five of the corn-belt states to set aside 35 percent of present stocks of yellow and mixed corn and the same percentage of future receipts for processing into essential war products. The order, effective at midnight March 23, also requires terminal elevators to offer 35 percent of present stocks and a like quantity of future receipts coming from sources other than country elevators.

The corn crop in 1944 will approximate 3,126,000,000 bushels, according to estimates by the Department of Agriculture. The figure represents an increase of 2.5 percent above the amount of corn harvested in 1943. The visible supply of corn in the United States in the week ended March 18 decreased 2,656,000 bushels, according to figures compiled by the Chicago Board of Trade. The Commodity Credit Corporation reports that through March 11 it had completed 5,771 loans on 6,507,186 bushels of 1943 corn.

Starch, Potato.—Spot supplies reported to be holding comfortable level. Quotations continue unchanged.

Starch, Tapioca.—Demand for uses qualified in WPB limitation order continues good. Stocks on hand in this country ample for essential needs, but far too small for uncontrolled use. Recent imports reported to have amounted to approximately 2,450 bags.

Tanning Materials

Divi-Divi.—Stocks on hand in this country diminishing. Demand characterized as normal. Quotations steady.

Myrobalans.—Price has been reduced. Whole J1 material now quoted at $65.00 per ton, and crushed J1 at $75.00 per ton. Whole J2 material now $68.00 per ton. The new quotations represent a reduction of $10 per ton on J1 and $8 per ton on J2 material.

Quebracho.—Demand continues good as tanners stock material for future use. Prices unchanged.

Tara.—Powdered material reduced $10 per ton, putting present quotation at $135 per long ton. Demand dull.

For current prices see alphabetical listing beginning on page 9.

Dillinger Recuperating

Richard H. Dillinger, assistant products manager of the food department of Stein, Hall & Co., is recuperating from pneumonia in the Yonkers (N. Y.) General Hospital.

A. F. Rucks has been elected president and general manager of the C. J. Tagliabue Manufacturing Company, this city.

Dyes in Postwar Planning To Be Discussed April 21

Henry F. Herrmann, of the General Dyestuff Corporation, this city, will address the New York Section of the American Association of Textile Chemists and Colorists at a meeting to be held at the Downtown Athletic Club, this city, April 21. He will speak on "Dyes and Chemicals in Postwar Planning."

ALBUMENS

SPECIFY "GARTENBERG"
. . . always Uniform
. . . always Dependable

★ THE LARGEST MANUFACTURERS AND EXPORTERS OF TECHNICAL EGG PRODUCTS OFFER YOU DOMESTIC ALBUMENS AND EGGS, LIQUID OR DRIED, IN ANY FORM FOR EVERY INDUSTRIAL USE

Write for Samples and Quotations

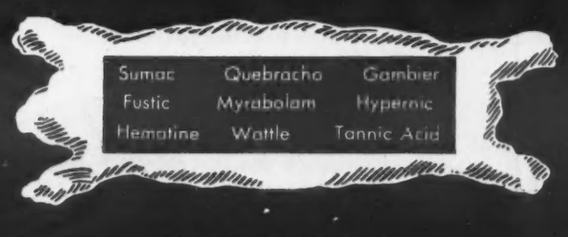
★★ SPEED VICTORY—BUY WAR BONDS ★★

H. GARTENBERG & CO., Inc.
Largest Manufacturers of Tanners' Egg Products
412 W. Pershing Road Chicago, Illinois
Cable Address: "GARTEGG"

Natural Products Refining Co.
910 Garfield Avenue,
Jersey City, N. J.
Natural
Natural BICHROMATES

DRY COLORS—DYESTUFFS
IMPORT EXPORT
FEZANDIE & SPERRLE, 205 Fulton Street, NEW YORK
Telephones: COrtlandt 7-1460-1461 Cable Address "Fezan", N. Y.

Dyewood and Tanning Extracts



THE J. S. YOUNG COMPANY
Paterson, N. J. Boston, Mass
BALTIMORE, MD.
Philadelphia, Pa. Chicago, Ill.

BARRETT CHEMICALS FOR INDUSTRY

PHENOLS
CRESOLS
CRESYLIC ACIDS
CHLORINATED TAR ACIDS
BARRETAN*
PICKLING INHIBITORS
BENZOL
TOLUOL
XYLOL
SOLVENT NAPHTHA
HI-FLASH SOLVENT
NAPHTHALENE
PHTHALIC ANHYDRIDE
DIBUTYL PHTHALATE
PYRIDINES
TAR ACID OILS
CREOSOTE OIL
CUMAR*
(Paracoumarone-Indene Resin)
RUBBER COMPOUNDING MATERIALS
BARDOL*
HYDROGENATED COAL-TAR CHEMICALS
FLOTATION AGENTS
ANHYDROUS AMMONIA
AMMONIA LIQUOR
SULPHATE OF AMMONIA
AMMONIUM NITRATE
ARCADIAN* THE AMERICAN NITRATE OF SODA

*Trade-mark Reg. U. S. Pat. Off.

THE BARRETT DIVISION
ALLIED CHEMICAL & DYE CORPORATION
40 Rector Street, New York 6, N. Y.
THE BARRETT COMPANY, LTD., 5551 St. Hubert St., Montreal, Que.

Awarded to the men and women of the Barrett Frankford Chemicals plant for excellence in the production of war materials.

Barrett

ONE OF AMERICA'S GREAT BASIC BUSINESSES

Coaltar Chemicals

Demand for coaltar byproducts and derivatives thereof for war production continue to hold trading on a stable basis. Production of some materials is declared to be dropping off slightly in certain quarters as a result of the gradual decrease in plant personnel. Pricewise the market is steady, with no changes or backing away reported from price levels which have been in effect for some time.

Crude coaltar is now available in more comfortable quantities it is said, partly because of the high coking rate and partly because of the slight decrease in activity in processing and refining plants. Creosote oil continues in ample supply, with the amount in storage in certain places tending toward a very easy market condition. Phenol also remains more than comfortable. On the other side of the supply picture, naphthalene is very short, as do the solvents, the picolines, quinoline and pyridine.

Activity in the steel industry for the week beginning March 20 was scheduled at 99.2 percent of ingot capacity, compared with a rate of 99.1 percent in the previous week, according to the American Iron and Steel Institute. The March 20 percentage is equivalent to an output of 1,781,300 net tons of ingots and castings. One month earlier, production was scheduled at 97.7 percent of capacity, and one year earlier at 99.1 percent.

Market Trends

Prices Advanced

None

Prices Reduced

None

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
129.2	129.2	129.2	129.2

Basic Products

Benzol.—Continues to move heavily into manufacture of high-octane gasoline and synthetic rubber. March allocations indicate 4,806,722 gallons granted to various civilian uses, compared with a total of 2,443,053 gallons in February. Major reason for large increase in latter month was allocation of 2,228,000 gallons for manufacture of phenol, no allocation for such manufacture was shown in the February list. 596,665 gallons were granted for solvent use in March, compared with 621,735 gallons in February.

Carbazole.—Demand for war production purposes continues good, maintaining stable market tone.

Coaltar.—Supply has eased somewhat. As a result some of the material is again being used for fuel in localities where other fuels are difficult to obtain. Continued high rate of coking and labor shortages in processing plants are reported responsible for tar excess. Market steady.

Creosote Oil. — Supplies continue ample. Some areas report storage facilities as filled to capacity. Demand from wood preservers remains below normal. Quotations unchanged.

Naphthalene. — Supplies continue very tight with large portion of material allocated to manufacture of phthalic anhydride. In March WPB allocations 763,000 pounds were granted for manufacture of betanaphthol and other dye intermediates, compared with 643,000 pounds in February. March allocations for agricultural insecticides amounted to 155,000 pounds, compared with 140,000 pounds in previous month. Total allocations for civilian use in March reported as 1,991,000 pounds, compared with 1,621,000 pounds in February. Quotations firm.

Phenol.—Allocations during March were slightly larger, when a total of 1,187,000 pounds were granted for various civilian uses. In February, allocations totaled 985,000 pounds. Miscellaneous chemical manufacturing benefited most in the March allocations, with a grant of 680,000 pounds, 95,000 pounds more than in February. Dyestuffs were granted 195,000 pounds in March, compared with 104,000 pounds in February. Supplies of phenol continue easy.

Picoline.—One producer reports a 90 percent betapicoline now available at $1.60 per pound in 5,000 pound lots, in drums at the works. The price ranges up to $1.85 for drum lots. A 99 percent purity is also offered at $2.50 per pound, in returnable drums, at the works. Demand for alphapicoline is said to continue active. Quotations firm.

Tar Acid Oil.—The regional redistribution division of the War Production Board, Empire State building, New York, has offered for sale 20,000 gallons of crude tar acid oil. Sales will be made in accordance with regulations governing excess and idle inventories.

Toluol.—Civilian allocations of toluol showed an increase during March, when a total of 352,626 gallons were granted, compared with 296,096 gallons in February. Dyes and intermediates received 113,558 gallons of material in March, as against 107,159 gallons in the previous month; petroleum additives 75,000 gallons in March, against 74,100 gallons in February; rubber accelerators 1,000 gallons, compared with 1,400 gallons in the previous month; food preservatives 1,312 gallons, against 9,588 gallons; medicinals 53,716 gallons, against 46,791 gallons in February; and adhesives 33,386 gallons, against 31,738 gallons. Zinc chromate primer was granted 13,304 gallons in the March list, and miscellaneous uses 61,350 gallons.

Xylol.—Supplies for civilian solvent purposes continue tight. Schedule of quotations shows no change.

Chicago, March 24.—Call for coaltar bases is active. War demands appear to be holding up well in most cases and the offerings are not sufficient to cause any special diminution of firmness. Inquiry continues good for benzol. Ruling prices exclusive of tax are:—Benzol, pure, in tankcars, freight allowed up to 2c. per gallon, 15c. per gallon; toluol, 2-degree, same basis, 28c.; xylol, industrial, same basis, 27c.; xylol, 10-degree, same basis, 30c.; solvent naphtha, same basis, 27c.; creosote oil, grade 1, 15½c.

Hydrogenated Solvents

Cyclohexanol.—Market tone continues steady as material moves to regular users in good volume.

Cyclohexanone. — Production expanded to meet requirements of recently developed essential use. Civilian supplies very tight. Quotations firm.

Methylcyclohexane. — Satisfactory call for use as solvent for vinyl and similar resin compounds keeping prices steady.

Coaltar Acids

Anthranilic.—Essential demand continues active. Quotations show no change.

Benzoic, Technical. — Supplies remain rather tight on war production demand. Price schedule unchanged.

Betahydroxynaphthoic. — Stable market maintained by active call from regular consuming channels.

H.—Material continues to move actively into essential manufacture. Price structure firm.

Malic.—Limitation of basic material holding supplies tight. Quotations unchanged.

Picric.—Heavy war use sustaining firm market tone.

Tobias.—Production curbed by plant labor shortage. Prices holding steady tone.

Other Intermediates

Acetanilide, Technical.—Demand for pharmaceuticals reported to have decreased slightly. Price structure steady.

Alphanaphthylamine. — Raw material limitations restricting production. Quotations unchanged.

Anthraquinone.—Heavy demand for essential products continues unabated. Schedule of prices firm.

Betanaphthylamine. — Firm market sustained by active call. Supplies remain tight on shortage of basic material and plant labor.

Bisphenol.—Production at plant capacity unable to take care of full demand. Essential uses getting material under WPB allocation order. Quotations unchanged.

Dinitrotoluene.—Tight supply posi-

For current prices see alphabetical listing beginning on page 9.

tion of toluene curbing production. Quotations show no change.

Metaphenylenediamine. — Demand reported as rather good. Supplies not too tight. Market tone steady.

Orthochlorophenol.—Call for manufacture of germicides continues satisfactory. Schedule of prices unchanged.

Orthodichlorobenzene. —Regular shipments sustaining steady market. Crude material reported to be available as by-product by large chemical producer. Suggested as possibly suitable for termite control.

Paradichlorobenzene. — Production remains far below volume of demand. Supplies restricted by availability of benzene. Prices firm.

Phthalic Anhydride.—Supplies very tight with expectations that the condition will persist for some time. Market firm.

Resorcinol.—Producers report material as continuing to move actively at near-capacity volume. No or little delay on orders for normal quantities. Quotations unchanged.

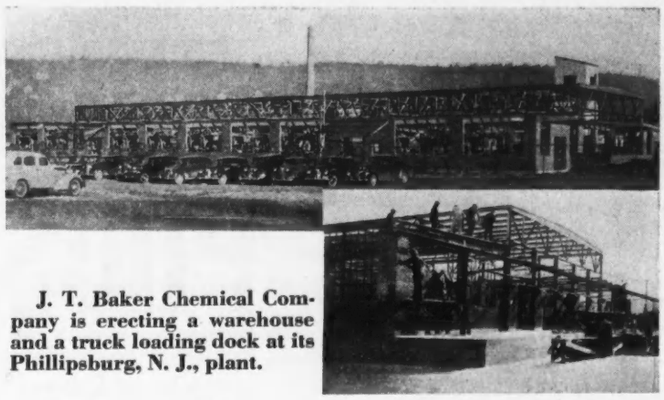
Coaltar Colors

Production of coaltar colors and dyestuffs continues heavy. Major factor limiting manufacturing activities at present is said to be the growing problem of plant personnel. The War Production Board on March 21 announced that dyestuffs above regular quota amounts needed for the production of essential civilian and military textile fabrics would henceforth be granted for specific uses on an individual basis. The action amended conservation order M-103.

Chemists War Value

—Continued from page 3

ments of the younger men affected 25 percent of the chemists and chemical engineers employed in industry. He said that the shortage of these workers is most severe and that industry could immediately absorb 2,000 more if they were obtainable. Chemical manufacturers, in large part, regard the drafting of young chemists as a lesser manpower disaster than is the drain on plant workers with less scientific but more technical skill.



J. T. Baker Chemical Company is erecting a warehouse and a truck loading dock at its Phillipsburg, N. J., plant.

Washington Talks It Over

—Continued from page 5

Since the United States began its heavy purchases of commodities from Latin America in 1940, the other American republics have accumulated a net balance of more than $1,000,000,000 in trade with the United States. This is one of the reasons why government officials look upon Latin America so highly as a likely important market for our exports after the war.

Labor Standards Bill

—Continued from page 3

to the physical and economic health, efficiency and well-being of workers. They cause widespread unemployment and reduce the purchasing power of the workers so that their wages must be supplemented by the payment of public monies for relief or other public assistance. Employees are not on a level of equality in bargaining with their employers and are thus relatively defenseless against the denial of a living wage and reasonable hours of employment and "freedom of contract" as applied to their relations with their employers is illusory. Such evils are contrary to the public interest and render imperative the exercise of the police power of the state.

It is hereby declared to be the public policy of the state to correct and as rapidly as practicable to eliminate the oppressive labor conditions above described, to increase employment opportunities, to establish minimum wage and maximum hour standards at levels which safeguard the health, efficiency, decency and general well-being of employees, and to protect existing fair minimum wage and maximum hour standards. All the provisions of this article shall be liberally construed so as to effectuate this policy.

Corporation Earnings

American Snuff Company

	1943.	1942.
Year, Dec. 31	$1,183,954	$1,226,373
Per share	2.19	2.29

American Smelting & Refining Co.

Year, Dec. 31	11,749,978	12,252,352
Per share	3.76	3.99

International Nickel Co. of Canada

Year, Dec. 31	31,127,204	33,301,820
Per share	2.00	2.15

Lambert Company

Year, Dec. 31	1,982,431	1,499,956
Per share	2.65	2.01

National Lead Company

Year, Dec. 31	5,200,877	4,246,370
Per share	1.02	.72

N.Y. Paint Production Club to Mark 25 Years

The New York Paint and Varnish Production Club will devote its regular monthly meeting April 6 to a celebration of its twenty-fifth anniversary, in which its social and scientific achievements will be reviewed by former presidents of the club and both present and former members of its various technical committees.

George D. White, organizer of the paint plant managers committee, and Edward Blackledge, chairman of that committee, which was actively functioning prior to 1919, will share honors with the former presidents as guests of the members on this occasion. The former presidents who will speak, the year of their incumbency of office and the subject of their addresses, follow:—

Kenneth J. Howe, of the Thibaut-Walker Company, 1924, "Past History of the Club"; Arthur A. Schelling, of Stroock & Wittenberg Corporation, 1929, "New Resins in the Paint Industry"; James A. Fredrickson, of E. I. du Pont de Nemours & Co., 1937, "New Pigments in the Paint Industry"; Dr. Joseph J. Mattiello, of the Hilo Varnish Corporation, 1939, "Creating Specifications or How to Hang Yourself"; Lt. Col. Asher J. Cohan, of the U. S. Army, 1935, "Interesting Anecdotes of Army Life," and Ralph H. Everett, of the Keystone Varnish Company, 1926, "Relation of the Federation to the Club."

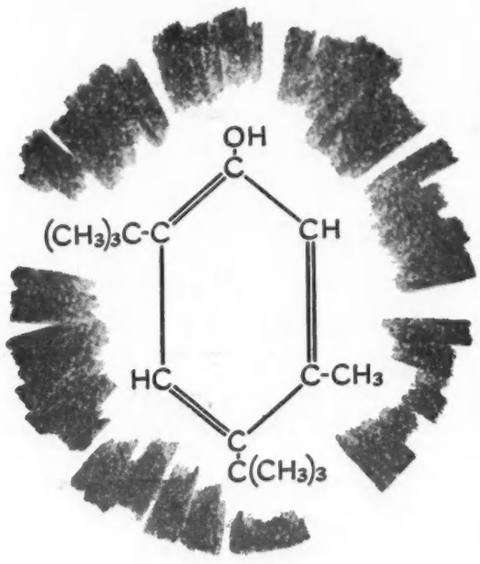
Ray Martin Joins American Resinous

Ray C. Martin has joined the American Resinous Chemicals Corporation, Peabody, Mass., as director of the coatings division. He was formerly associated with the Plastics Division of the Chemicals Bureau of the War Production Board.

Textile Technologists to Meet

N. M. Mitchell will address the American Association of Textile Technologists at the Downtown Athletic Club, this city, April 5. He will speak on "Engineering with Relation to Modern Textile Machinery."

KOPPERS D. B. M.



4, 6-Di-tertiary-BUTYL-m-CRESOL

Properties: (*Pure Compound*)

Molecular Weight	220
Melting Point	62.5°C.
Boiling Point:	
At 100 mm. (approximate)	171°C.
Atmospheric (approximate)	285°C.
Specific Gravity at 50/50°F	0.920

State: Light-colored semi-solid, crystalline, mild odor.

Solubility: Practically insoluble in water. Easily soluble in alcohol, benzene, gasoline and carbon tetrachloride. Insoluble in caustic alkali solutions.

Uses: In compounding certain types of synthetic rubber, as a softener and plasticizing agent, and to improve tack. In the manufacture of resins, particularly because of its oil-solubility. It has been suggested for use as an anti-skinning agent for paints and varnishes.

Koppers will be glad to submit samples and prices on this and other coal derivatives, including tar bases, naphthalene, industrial pitches and creosote. —Koppers Company, Tar and Chemical Division, Pittsburgh, Pa.

KOPPERS

THE INDUSTRY THAT SERVES ALL INDUSTRY

HEYDEN

DEPENDABLE CHEMICALS

FORMALDEHYDE
U. S. P. SOLUTION

•

PARAFORMALDEHYDE

•

HEXAMETHYLENETETRAMINE

•

PENTEK
(PENTAERYTHRITOL TECHNICAL)

Write for current products list

CONTAINERS ARE PRECIOUS

Nowadays they must work harder and last longer. Drums should be hoisted or rolled from platforms and trucks. Dropping is apt to spring seams and spoil them for further service • By speeding up return of empty drums, carboys and tank cars, you will help us better our service to you and others. . . .

HEYDEN
Chemical Corporation
NEW YORK—50 UNION SQUARE
CHICAGO BRANCH—180 N. WACKER DRIVE

TRICRESYL PHOSPHATE

• Sales Subject to W.P.B. Allocation •

One thousand pounds per month can be purchased without specific approval from the W. P. B. in accordance with Order M-183.

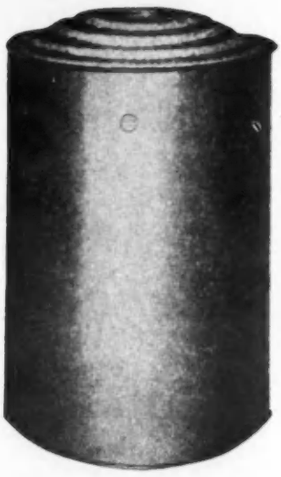
Manufactured by
MONTROSE CHEMICAL CO.
Lister Ave., Newark 5, N. J.

Selling Agents

R.W. GREEFF & CO.
10 ROCKEFELLER PLAZA, NEW YORK 20, N. Y.
TRIBUNE TOWER, CHICAGO 11, ILL.

DRUMS

Grease
Rosin
Wax
Asphalt
Chemical



Fibre Shells with Steel Ends

•

KEYSTONE DRUM CO.
2246 Oliver Building, Pittsburgh, Pa.
PLANTS
Pensacola, Fla. — Charleroi, Pa.
Elizabeth, N. J. — Independence, Kan.

Protective Coatings Materials

Launching of the national clean-up and paint-up campaign, and the issuance of literature showing a much more extensive potential field for maintenance painting on privately owned residences, stores and farm buildings this Spring than at any corresponding periods in the last three years, are inducing manufacturers of paints, varnishes and lacquers to accelerate the pace of their productive activities to the greatest extent permitted by wartime conditions.

In their efforts to build up their stocks of ready-for-application goods from which to fill this anticipated large volume of maintenance painting orders, these manufacturers are seriously hampered by an alarming lack of skilled labor as well as by the civilian-use restrictions still imposed on numerous raw materials by the War Production Board and War Food Administration.

Of these handicaps the increasing shortage of manpower is proving a greater hindrance than the existing restrictions on their use of many of the greatly needed ingredients, as the manpower shortage, which is becoming more acute with the mounting conscriptions, is also adversely affecting the processing of even such materials as are either entirely or partially free from such restrictions.

There will presumably be some relaxation of controls now exercised by the war bureaus with the expected lessening of the war's exigencies and the switching of war production requirements from one group of articles to another, whereby pressure will be lifted in some directions, with or without being intensified in others. But there is little reason to look for the release of manpower, once conscripted after long deferments, and its return to the plants where it was formerly employed, until the war on all fronts is brought to a victorious conclusion.

Yet, meanwhile, this obstacle must be surmounted in order that civilian business, which pays much better than war orders, may be swelled sufficiently to compensate for the inevitable waning of the war contracts.

Metallic Lead and Zinc

Recent amplification of the domestic production of metallic lead and the acknowledged sufficiency of the government's stockpile for all foreseeable civilian as well as domestic requirements have made it easy for oxidizers and other lead pigment makers to procure all their needs in this metal. Prices for pig lead have continued unaltered for the week March 17-24 at 6.35c. per pound in St. Louis and 6.50c. in New York.

Although there is still plenty of zinc ore available for refining, these processing operations have not yet been increased sufficiently to relieve the shortage in zinc slabs materially, with the result that the latter remain under allocation control, and no modification has yet been made of the requirement for priority ratings in the procurement of zinc slabs by the paint industry.

WPB has announced, in an amendment to its limitation order L-188, that the use of zinc for the purpose of applying a protective coating or plating for metal parts of binders, such as blank books, loose leaf books or covers, is now permissible but this in no way tends to ease the situation insofar as the paint trade is concerned.

Quotations for zinc slabs have remained unchanged for the week March 17-24 at 8.25c. per pound in East St. Louis and 8.66c. in New York.

Pigments

Blue Lead.—Continues in fairly keen demand with prices well maintained.

Lead Titanate. — Buying interest reaching sizable proportions. Market firm.

Litharge.—Still moving steadily into both military and civilian channels. Tone strong.

Lithopone.—In increasingly active call but somewhat limited supply.

Market Trends

Prices Advanced

Alphapinene, ½c. per gal.
Rosin, gum, H and I, 1c. per 100 lbs.
Turpentine, gum, ½c. per gal.

Prices Reduced

Mercury oxides, red and yellow, works, 40c. per lb.
Rosin, gum, H and I, 1c. per 100 lbs. 100 lbs.

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
140.2	140.2	140.2	140.2

Nevertheless consumers are generally obtaining their requirements from suppliers. Market very firm.

Orange Mineral.—A steady movement is noted in this pigment into consuming channels. Prices firmly held.

Red Lead.—Continues in good request with a constantly stiffening undertone.

Titanium Dioxide.—Demand still running far in excess of supply, with producers doing their utmost to satisfy the trade with the quantities remaining for pro-rata allotment after filling all rated orders for this material in pure form and in pigments.

White Lead. — Buying movement continuing to reach sizable proportions on both war and civilian accounts. Tone strong.

Zinc Oxide.—Tightness continues to characterize the market for both lead-free and leaded grades, with the former under allocation control and requiring WPB authorization for deliveries beyond two tons in any single month, although deliveries of up to two tons may be made without specific permission. Prices continue firmly maintained.

Fillers and Extenders

Asbestos.—A somewhat accelerated movement has been recorded of late in both Canadian and domestic materials. Market stable.

Barytes.—Waterground grades moving steadily into consuming channels, with supplies ample for current needs. Dryground grades still in scanty supply. Tone firm.

Chalk.—Only a light buying interest noted in this material. Recent importations have included 1,500 tons. Market steady.

China Clay.—Both imported and domestic grades continue in fair request. Recent arrivals have embraced 121 cases. Prices firmly held.

Diatomaceous Earth.—Only a routine business is currently reported in this filler. Market stable.

Mica.—With more liberal offerings now available, paint trade is buying steadily of dryground, waterground and finely pulverized grades of scrap mica. Prices firmly held throughout.

Talc. — New York state fibrous grades continue in active demand with producers fairly well caught up on deliveries on their backlog of orders. Other grades likewise moving well, with reasonably prompt deliveries being maintained.

Dry and Chemical Colors

Alkali Blue.—Continues in good request. Market firm.

Bone Blacks.—A fair-sized buying interest is still noted in these blacks. Tone steady.

Carbon Blacks.—Constantly increasing absorption of furnace and both easy and medium processing blacks is daily bringing about a further reduction of stocks. Reports on operations of producers and marketers for last month show a lowering of inventories of channel blacks in the hands of producers by 9,526,000 pounds to 172,583,000 pounds at the close of February. Production for last month remained relatively stable, amounting to 32,044,000 pounds, as compared with 32,707,000 pounds in the first month of this year. Shipments during February aggregated 41,570,000 pounds, compared with 44,950,000 pounds for the previous month. Paint trade is still buying moderately of channel blacks.

Chrome Colors.—Orders from war procurement agencies continue to constitute the bulk of the business in yellow chromate zinc, which is still in

For current prices see alphabetical listing beginning on page 9.

GILSONITE

SUPER SELECTS—	"Nature's Best" (M. P. 275° F., low viscosity type)
SELECT "FINES"—	Equal to Super Selects, except for size of pieces.
GILSONITE SELECTS—	Various melting points. 285—300—315°F.
REFINED GILSONITE SELECTS—	"Tailor-Made" The Ultimate in Quality, Uniformity, M. P., Viscosity. 100% Clean. We can make this to any melting point desired from 270° to 320°F.
GILSONITE SECONDS—	Uniform and Dependable, yet Economical. M. P. 315/320° F.

Samples and Prices on Request. We also supply formulæ wherever possible. Let us help you with your problem.

ALLIED ASPHALT & MINERAL CORP.

217 BROADWAY, NEW YORK FACTORY: DUNELLEN, N. J.

Agents and Warehouse Stocks in Principal Centers

BALTIMORE Wm. Graham & Co.
BOSTON Malcahy & Griffin
BUFFALO James O. Meyers
CHICAGO Fred. A. Jensen
CLEVELAND S. S. Skelton
DETROIT C. W. Hess Co.
HOUSTON Joe Coulson Company
KANSAS CITY John T. Kennedy Sales Co.
LOS ANGELES A. J. Lynch & Co
LOUISVILLE Wm. B. Tabler
PHILADELPHIA Loos & Dilworth, Inc.
PITTSBURGH Mr. Jos. A. Burns
SAN FRANCISCO E. M. Walls
SEATTLE Carl F. Miller & Co.
TORONTO A. S. Paterson

NEVILLE

Here's the answer

. . . to the critical lacquer diluent problem

TOLLAC

. . . a superior lacquer diluent containing valuable properties, possessing great strength and solvency, and excellent evaporation qualities.

NEVSOL

. . . preferred in many formulations for its rapid evaporation and satisfactory strength and solvency at less cost.

Ask for prices and information

Both of these solvents are subject to W. P. B. Allocation under M-137.

A6

THE NEVILLE COMPANY

PITTSBURGH • PA.

Chemicals for the Nation's War Effort

BENZOL • TOLUOL • XYLOL • TOLUOL SUBSTITUTES • CRUDE COAL-TAR SOLVENTS
HI-FLASH SOLVENTS • PAINT AND VARNISH REMOVERS • COUMARONE-INDENE RESINS
RUBBER COMPOUNDING MATERIALS • WIRE ENAMEL THINNERS • DIBUTYL PHTHALATE
TAR PAINTS • RECLAIMING, PLASTICIZING, NEUTRAL, CREOSOTE, SHINGLE STAIN OILS

Tenaqualon or
ROSIN OIL
WRITE FOR OUR "PINE TREE PRODUCTS" BOOKLET
NATIONAL ROSIN OIL AND SIZE COMPANY
R. K. O. Building, Rockefeller Center, New York 20, N. Y.
Office: 3001 West 47th Street, Chicago, Ill. Factory: Savannah, Ga.

KRUMBHAAR CHEMICALS, INC.
Dr. William Krumbhaar, President SOUTH KEARNY, N. J.
Makers of Finest Synthetic Resins

STANLEY DOGGETT, Inc.
ESTABLISHED 1878
MANUFACTURERS and IMPORTERS
DRY COLORS OF MERIT—QUALITY PIGMENTS
75 VARICK STREET, NEW YORK

STEARATES
Stocks at
• NEW YORK
• CHICAGO
• ST. LOUIS
• PHILADELPHIA
• DALLAS
• BOSTON
• SHAWNEE, OKLA.
• LOS ANGELES
• SAN FRANCISCO
• OAKLAND
• SEATTLE
• PORTLAND, ORE.
ZINC STEARATE
BARIUM STEARATE
CALCIUM STEARATE
ALUMINUM STEARATE
MAGNESIUM STEARATE
FRANKS CHEMICAL PRODUCTS CO.
BLDG. 9, BUSH TERMINAL — BROOKLYN, N.Y.

STANDARD
"THE ORIGINAL SYNTHETIC SOLVENT MANUFACTURERS"
You Can Use
ISOPROPYL ALCOHOL
SUPPLIES AVAILABLE
Recommended for lacquers, resins, laminating varnishes, body rubs, vitamin B1 preparation, sterilizing solutions, liniments and many additional applications.
Isopropyl Alcohol is on allocation and necessary forms will be gladly furnished.
STANDARD ALCOHOL CO. 26 BROADWAY NEW YORK

GILSONITE
The unique Asphalt of many uses
CLEAN AND UNIFORM
BOTH HIGH AND LOW MELTING POINT TYPES
Prompt shipment in carloads from
Craig, Colorado and Madison, Illinois
Warehouses for less than carload shipments
located at convenient points
BARBER ASPHALT CORPORATION
BARBER, NEW JERSEY

scanty supply and subject to allocation control. Civilian users of chrome green, chrome yellow, chrome orange, molybdate chrome orange and hydrated chromium oxide continue restricted in their purchasing privilege to 25 percent of their 1941 consumption.

WPB's New York Regional Redistribution Division is offering from idle or surplus stocks 19,000 pounds of chrome-green technical 86 percent, MRS—13—2944.

Mercury Oxide.—In further reflection of the relatively recent heavy drop in the price of quicksilver from $195 to $135 per flask, manufacturers of mercury oxides have announced an additional lowering of their prices, this time to the extent of 40 cents per pound, making their revised quotations for red mercury oxide $2.49 in 10,000-pound lots at works and $2.51 in smaller lots and those for yellow mercury oxide $2.27 in lots of 1,000 pounds and $2.29 in smaller lots.

Bronze Powders

Aluminum Powder.—WPB's Regional Redistribution Division is offering from idle or excess stocks 1,000 pounds of aluminum powder, granulated, MRS—13—2940.

Lacquer Materials

Acetone.—Supply continues comfortable, notwithstanding maintenance of heavy demand. Quotations show no change.

Nitrocellulose.—Supplies remain easy, reportedly because of scarcity of ester solvents needed for formulation. Quotations steady.

Triacetin.—Moving satisfactorily to regular consumers at 29c. per pound, at works, in lots of six drums or more, and 30½c. per pound in one to five drum lots.

Naval Stores

Limited demand continued for naval stores during the week. Users were manifesting an active inquiry, but were rather reluctant in placing business for sizable quantities. Demand for export also was limited though a good inquiry was in evidence.

Conditions in dipentene, pine oil and wood rosin have become more acute owing to the scarcity of these materials as the result of the steadily diminishing production in the South. Leading producers have been operating about 50 percent of capacity and small operators about 40 percent. As a result there is a marked scarcity of available stocks, and sellers have been unable to fill a backlog of orders. The prospects for an increase in the production are far from encouraging, unless producers are granted higher price ceilings. Makers have requested a ceiling of 69c. per gallon, tankcars, works, for dipentene and 85c. per gallon, tankcars, works, for pine oil.

Turpentine.—Demand locally was slow, and confined to small lots. The market was firm, reflecting the strength at primary centers.

Following is a record of the turpentine market for the week:—

	Bulk gallons		Barrels		
	Cents.	Sales.	Receipts.	Shipments.	On hand.
Monday ..	76½	13	7	256	36,492
Tuesday ..	76½	...	2	255	36,289
Wednesday.	76½	9	19	24	36,284
Thursday ..	76½	...	...	...	36,284
Friday ...	77	300	...	190	36,044

Chicago, March 23.—Turpentine holds firm with demand fairly active. Offerings were limited. Five-drum lots, quoted at 90c. per pound; five wood barrels, 95c.; single drums, 93c.; single barrels, 98c.

Rosin.—Consuming demand was quiet during the week. Limited quantities for immediate needs were in fair request. Inquiry for export was active. The soap and the paint trades were watching market developments closely, but were withholding the placing of contracts.

Following is a record of the rosin market for the week:—

	Price per unit—Low of range quoted				
	Mon.	Tues.	Wed.	Thurs.	Fri.
B	$4.00	$4.00	$3.90	$3.90	$3.90
D	4.29	4.29	4.29	4.29	4.29
E	4.62	4.62	4.60	4.60	4.60
F	4.73	4.73	4.73	4.73	4.73
G	4.76	4.76	4.76	4.76	4.75
H	4.76	4.76	4.76	4.76	4.76
I	4.76	4.76	4.76	4.76	4.76
K	4.85	4.85	4.85	4.85	4.85
M	4.90	4.90	4.90	4.90	4.90
N	4.98	4.98	4.98	4.98	4.98
WG	6.60	6.60	6.60	6.60	6.60
WW	6.67	6.67	6.67	6.67	6.67
X	6.67	6.67	6.67	6.67	6.67
	Barrels				
Sales	102	...	77	...	33
Receipts ..	12	13	12	72	59
Shipments..	...	100	567	355	487
Stocks	18,984	18,897	18,342	18,059	17,631

Chicago, Mar. 23.—Rosin market remains extremely tight with good interest noted among buyers. However, offerings are few. Five-drum lots quoted at:—B grade, $5.75 per 100 pounds net; G grade, $6.51; M grade, $6.65; W. W. grade, $8.35.

Other Naval Stores

Pine Oil.—As a result of an anticipated 15 to 20 percent reduction in the output of pine oil attributable to losses of manpower, pine oil was placed under full allocation by the War Production Board, beginning April 1.

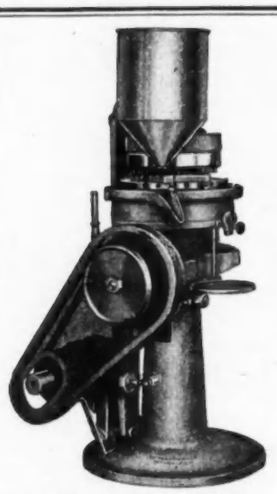
Shellac

Although the War Production Board shows some liberality in the use of shellac when it is used to finish bowling alleys and furniture, said liberality is restricted to the so-called high orange grades. The common, run-of-pile shellac that can be bleached to sell at the prices permitted for bone-dry shellac and varnish is still tightly controlled and, in fact, very scarce. Sales into consumption are at ceiling limits and the movement thereto is exceptionally steady and well maintained.

Driers and Flatteners

A constantly swelling call for tallates is featuring the market for driers, with the demand for lead and cobalt types leading in point of activity. Tallates of manganese and zinc, while not in as brisk request, are nonetheless in good inquiry.

Consumers who can afford to wait for WPB authorizations are still ordering naphthenates, chiefly those of lead and cobalt, but are somewhat restrained by recent notifications that the April allocations are likely to be scaled down to some extent. There is likewise a moderately active request


New Series — 200-25 Tablet Press
Send for Circular
ARTHUR COLTON CO.
2624 East Jefferson Detroit 7, Mich.

STCO
Ultramarine Blue
Alkali Blue Toner
Dyestuffs
Methyl Violet Toners
Blanc Fixe
Iron Blues
Para Toners
Toluidine Toners
Lithol Toners
Red Lake C Toners
Permanent Orange Toners
Pyrotone Red Toners
Barium Products
STANDARD
ULTRAMARINE CO.
HUNTINGTON, WEST VIRGINIA

for resinates and, in lesser degree, for linoleates and soyates.

Zinc and aluminum stearates continue in keenest call among the flatteners, but with the supply insufficient to meet all requirements immediately. Stearates of calcium, cobalt, magnesium, lead and copper are moving steadily but with volume diminishing in the order named. Laurates are in only limited inquiry.

Synthetic Resins

Study of the allocations made by the Chemicals Bureau of the War Production Board for the current month and perusal of that organization's recent rulings on the availability of synthetic resins for civilian uses have made it apparent that easing of restrictions on some of these resinous products is being more than offset by tightening of the allotments for all except war production purposes in many other directions.

Varnish Gums

Asphaltum.—Some easing of the tight situation recently prevailing in gilsonite has occurred as manpower hitherto diverted to other industries has been released and has returned to production and shipment of this type of asphaltum. Freer movement of petroleum apshalts also continues to feature the market.

Copal.—A steady buying movement continues to be noted in Congo copals wherein the supply is currently ample for meeting the needs of varnish makers and manufacturers of resin emulsion paints. But the dearth of spirit soluble copals is still unrelieved as no import licenses for these or other natural resins in the Far East have yet been given.

Glues and Binders

Casein.—With no new cargoes of Argentina casein coming into the market within the past week and with domestic production reduced to meager proportions, business in this material has been confined almost entirely to resales of imported goods. There has been no change in the c.i.f. New York price for Argentine casein of 11½c. per pound. To this landed figure, however, there must be added an import duty of 2¾c. per pound for first hands and between 5c. and 6c. per pound for second hands.

Glues.—As generally expected, both hide glues and acidulated bone glues have been placed under full allocation under WPB Chemical Bureau's general allocation order M-300, in order to tighten wartime controls over the nation's restricted glue supply. To accomplish this result, WPB has revoked conservation order M-367, issued January 27. But, simultaneously, WPB has extended the provisions of M-368, issued January 29, which regulates the flow of gluestock for glue production so as to increase the flow of domestic raw materials to glue makers by restricting the use of gluestock in the manufacture of gelatin and by prohibiting the use of chrome leather stock in the direct manufacture of textile treating agents.

Paint Merchants Clinic In Jersey City Mar. 28

The first of a series of Paint Merchants Clinics to be sponsored by the trade sales committee of the New York Paint, Varnish and Lacquer Association and the Paint Dealers Institute of Metropolitan New York will be held in the Plaza hotel, Journal Square, Jersey City, at 8:15 March 28. Principal speaker at the Jersey City meeting will be H. Norman Neubert, director of public relations of R. H. Macy & Co., whose subject will be "Proved Methods That Attract Consumer Sales."

Dewey & Almy Gets 'E'

Dewey & Almy Chemical Company, Cambridge, Mass., has been awarded its second Army-Navy Production "E."

Quinn Convalescing

Wallace M. Quinn, head of the Wallace M. Quinn Fisheries at Pascagoula and Apalachicola, Fla., is convalescing in Florida from a recent illness.

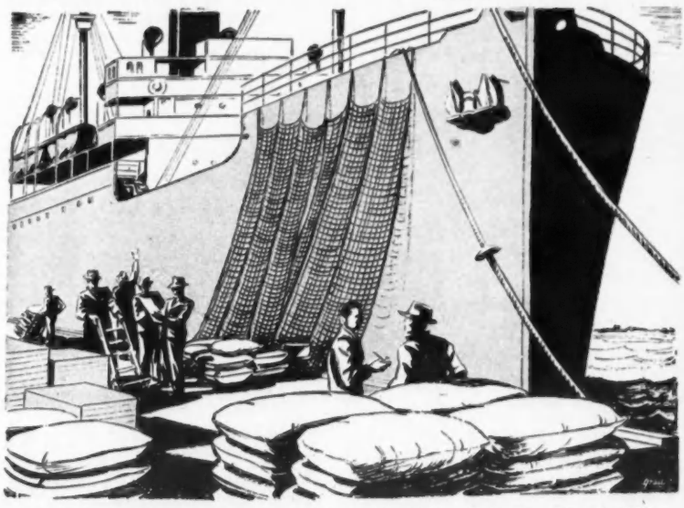
[MAY WE REPEAT]

when you duplicate formulations using Imperial pigment colors you benefit from a plus advantage. Imperial colors are UNIFORM

IMPERIAL PAPER AND COLOR CORPORATION
Pigment Color Division GLENS FALLS, N.Y.
The largest manufacturers of chemical pigment colors in America

Branch Offices and Warehouses:

Boston	Cleveland	Pittsburgh	St. Louis	Dallas
New York	Detroit	Seattle	San Francisco	Los Angeles
Philadelphia	Cincinnati	Chicago	Baltimore	Louisville



MOVE MATERIALS FOR WAR AND PEACE IN Fulton WATERPROOF COTTON AND BURLAP PAPER LINED BAGS

Fulton Bags carry through. It takes a tough moisture resistant bag to get there in good shape, protecting its contents under all loading and shipping conditions. The waterproof paper lined cotton and burlap must be of even strength—the bag seaming must be dependable and stand up under the pressure of weight and handling. Our plants have supplied millions of bags for use in combat areas. Back here at home bags must move a long list of essentials ranging from hygroscopic chemicals to food items. Many Fulton Waterproof Paper Lined Bags are replacing containers made of critical materials—metal drums, wooden boxes and barrels. We will continue to serve for war and the home front to the limit of our ability.

FULTON BAG & COTTON MILLS
Manufacturers Since 1870
Atlanta St. Louis Dallas
Minneapolis New York New Orleans Kansas City, Kan.

R.W. Greeff & Co. Inc. RWG New York U.S.A.

INDUSTRIAL AND PHARMACEUTICAL Chemicals

ZINC OXIDE
American Process
97%

Available without Priority or Allocation

R.W. GREEFF & CO.
10 ROCKEFELLER PLAZA NEW YORK CITY
TRIBUNE TOWER CHICAGO, ILL.

PLYMOUTH STEARATES
ALUMINUM — ZINC — CALCIUM — MAGNESIUM
Established Qualities Manufactured for thirty years by
M. W. PARSONS, Imports & PLYMOUTH ORGANIC LABORATORIES, Inc
59 Beekman Street, New York City
DISTRIBUTORS: THOMPSON-HAYWARD CHEMICAL CO., KANSAS CITY, MO., AND BRANCHES

DIRECT IMPORTERS AND EXPORTERS
CONSIDER IN YOUR PRODUCTION
SHELLAC
ORANGE · BLEACHED · DEWAXED · A and R FREE
OUR PRICES ARE ALWAYS COMPETITIVE
Consult SCHWAB BROTHERS CORP.
102 MAIDEN LANE, NEW YORK 5, N. Y.
CHICAGO AGENT: JAS. H. FURMAN CO., 310 SOUTH MICHIGAN AVENUE, CHICAGO 4, ILLINOIS

Leading the Field
Reichard - Coulston
IRON OXIDE PIGMENTS
SYNTHETIC - NATURAL
Meeting Specifications of
ARMY · NAVY
MARITIME COMMISSION
FEDERAL
SPECIFICATION BOARD
and other
GOVERNMENT AGENCIES
REICHARD - COULSTON, Inc.
15 EAST 26TH STREET NEW YORK CITY

LIMEOLITH
Precipitated Calcium Carbonates
We offer a complete list of LIMEOLITH for paint, rubber, glass, cosmetics, feed and other uses. Guaranteed minimum of impurities and moisture assure easy use.
★N Neutral LIMEOLITH
★C Coated LIMEOLITH
★R Regular LIMEOLITH
We also furnish specially treated and extra fine grades. Write today for free samples and prices, stating requirements.
Manufactured by
KANSAS CITY LIMEOLITH CO.
2915 SOUTHWEST BLVD.
KANSAS CITY, MO.

JLS PIGMENTS
SYNTHETIC AND NATURAL
IRON OXIDES
To Meet Government Specifications
•
We invite your inquiries
•
J. LEE SMITH & CO., Inc.
EST. 1854
19 JACOB ST. NEW YORK

MINERAL PIGMENTS
Meeting Specifications of the Army, Navy, Maritime Commission, Federal Specifications Board, Panama Canal, and other Government Agencies.
For Protective Coatings, Camouflage, and other essential requirements of the Victory Program.
C. K. WILLIAMS & CO.
EASTON, PA.

Preference Ratings

—Continued from page 3

rated orders for them unless such orders would interfere with orders bearing equal or higher preference ratings that he already has on hand for either (1) the gears themselves, or (2) for the drive shafts into which the gears are incorporated.

Specific rules are spelled out in the regulation for the treatment of orders placed with preference rating originally assigned on a certificate that has been canceled. In such cases, the person whose rating authority has been canceled must either (1) cancel all orders placed with the rating, or (2) inform his suppliers that orders so placed are no longer to be treated as rated orders. A supplier who receives such a notification must immediately withdraw all extensions of that rating that he may have made on his own purchase orders.

Provisions of priorities regulation No. 1 have been amended to indicate that purchase orders may require delivery within a 31-day period as well as specify a specific delivery date or dates. In addition, the amendment provides that in four instances orders need bear no specific delivery dates if it is understood that they require delivery as soon as possible or customary. These four cases are:—(1) orders for maintenance, repair or operating supplies that are properly identified, (2) orders placed with or by distributors or jobbers, (3) small orders (involving not more than $100), and (4) emergency orders, which are rated AAA.

The amendment further provides that if a person accepts a rated order and later finds that he will be unable to make delivery within 15 days of the required delivery date, he must notify his customer of such fact and the approximate date he will be able to make delivery. This provision is similar to a provision that has been written into Controlled Materials Plan Regulations.

Relative to disposition of idle and excessive equipment or material by a person who does not regularly sell it, the amended regulation provides that a holder of such material may use it for his own purposes if he is able to fulfill the conditions applying to purchases at special sales under the provisions of Priorities Regulation No. 13. Such materials, however, may be used only for purposes that are permitted under existing WPB "L" and "M" orders.

The revision also provides that orders and regulations of WPB shall not apply to military and naval establishments outside the 48 States and the District of Columbia, unless the orders themselves specifically indicate that they do so apply.

Record-keeping requirements of Priorities Regulation No. 1 have been modified in two respects. They are:—

1. Whenever a WPB order or regulation requires that a person restrict his production according to a base period quota, he must keep a record of his base period operations, and preserve it, together with any work sheets showing his calculations, for WPB inspection for as long as the restriction remains in force and for two years thereafter.

2. Whenever a person is restricted as to amounts of materials he may use on the basis of quota restrictions, authorized production schedules, limitation orders, special directives, or similar devices, he must keep reasonably accurate records of the materials consumed and of production to show whether he is complying with the restrictions.

Other changes are made in the order for the purpose of clarifying existing rules and regulations that are applicable to the operation of the priorities system.

Rolleri Plant Manager For Maas & Waldstein

Anthony J. Rolleri has been appointed production manager of the Newark plant of Maas & Waldstein Company, producer of industrial finishes. Mr. Rolleri joined the company as a laboratory assistant thirty-four years ago and has served in almost every department, most recently as foreman of the pigmented lacquer department.

Zinc Products Uses Told

The New Jersey Zinc Company, this city, has issued a pamphlet discussing its principal products and their application in the war. Copies may be obtained by writing the company at 160 Front street, this city.

Cottonseed Crushings Off

Cottonseed received at mills, crushed and held, and cottonseed products manufactured, shipped out and held from August 1 to February 29, 1944, and 1943, according to the Census Bureau, were as follows:—

Cottonseed

	Tons 1944	Tons 1943
Receipts	3,818,149	4,333,440
Crushed	3,237,773	3,653,988
On hand Feb. 29	669,152	756,765

Crude Oil

	Pounds 1944	Pounds 1943
Produced	1,004,085,000	1,130,219
Shipped	967,920,000	1,092,670
On hand Feb. 29	139,678,000	138,545,000

Refined Oil

	Pounds 1944	Pounds 1943
Produced	835,806,000	938,892,000
Shipped	.....	.....
On hand Feb. 29	339,365,000	324,721,000

Cake and Meal

	Tons 1944	Tons 1943
Produced	1,497,273	1,616,719
Shipped	1,446,403	1,748,312
On hand Feb. 29	69,412	58,507

Hulls

	Tons 1944	Tons 1943
Produced	754,628	881,841
Shipped	746,861	891,487
On hand Feb. 29	19,781	34,472

Linters

	Bales 1944	Bales 1943
Produced	963,871	1,099,758
Shipped	803,482	842,586
On hand Feb. 29	296,316	309,467

Eagle-Picher Contract With DPC Raised

Eagle-Picher Mining & Smelting Company, Joplin, Mo., has increased its contract with the Defense Plant Corporation, to provide additional facilities at a plant in Henryetta, Okla., at a cost of approximately $60,000, resulting in an over-all commitment of approximately $580,000. Eagle-Picher will operate these facilities, title remaining in Defense Plant Corporation.

So. Paint & Chemical Formed

The Southern Paint & Chemical Company, Bladensburg, Md., near Washington, has been incorporated under the laws of Maryland with a capital of 5,000 no par shares to deal in paint products in that town. The incorporators of record are Wilbur N. Howlson, Robert L. Swope and Robert P. McMillan, all of University Park, Md.

Producers of
MARBLE FLOURS
and
GRINDINGS
In all Meshes
Universal Marble Products Corp.
THORNWOOD, N. Y.

Shawnee
DRY COLORS
"Color Content Guaranteed"
Chrome Greens
Chrome Yellows
Toluidine Reds
Para Reds Iron Blues
Cadmium Colors
Lake Colors
Ultramarine Blue
KENTUCKY COLOR & CHEMICAL CO.
Incorporated
General Office and Works
LOUISVILLE, KENTUCKY
Offices and Agents in Principal Cities
Distillers of Coal Tar Products

Oils, Fats, and Waxes

Trading in fats and oils was light and spotty during the week. A steady movement, however, was noted into consuming channels against former contracts.

Under amendment 114 of rationing order No. 16, effective March 23, an industrial consumer who needs rationed fats and oils may apply, in writing, to the fats and oils section, Food Distribution Administration, for permission to acquire and use them.

Prospective planting of flaxseed in 1944 was estimated by the Department of Agriculture, as of March 1, at 4,351,000 acres, a 31 percent decrease from the record acreage of 6,320,000 planted in the Spring of 1943, but still 76 percent greater than the 10-year (1933-42) average of 2,469,000 acres. Indicated decreases in the North Central area, where over 80 percent of the total flax was grown in 1943, range from 58 percent in Iowa to 8 percent in Kansas with Minnesota and North Dakota showing decreases of 30 to 31 percent respectively. South Dakota and Montana both show reductions of 30 percent. Soybean plantings indicate 14,619,000 acres for 1944, compared with 14,762,000 acres in 1943, a decrease of 1 percent from last year. Peanut acreage for 1944 was estimated at 4,704,000 acres, against 5,202,000 acres for 1943 and the 10-year average of 2,402,000 acres.

Vegetable Oils

Castor, Dehydrated.—Users taking sizable lots for prompt needs.

Corn.—Available stocks still in limited supply. Trading restricted to occasional car lots.

Oiticica.—Consuming inquiry showed improvement and further sales of moderate volume were noted at current quotations. More users were expected to change formulations which will step up consumption.

Olive.—Buying interest was active. California edible oil in good demand, but trading was moderate. Stocks of imported oil here nil. Importers were still awaiting the permission from the War Production Board to bring in oil from Portugal. WPB recently advised the trade that the granting of permits was under advisement.

Soybean.—Refined and crude oils moving in good volume into consuming channels against former contracts. New business was moderate.

Atlanta, March 23.—Market for vegetable oils continued dull. Offerings are reported exceedingly light. Several oil mills are shutting down on peanut crushing, while operations are light on low stocks of cotton seed. Weather continues to hamper planting of cotton and peanuts in the lower and upper South.

Chicago, March 23.—Trade in vegetable oils was quiet. Coconut oil, crude, Pacific Coast, March, 8c. per pound. Corn oil, crude, mills, 12¾c.; refined, edible oil, 15¼c. to 15½c., drums, car lots. Peanut oil, crude, Southeast, 13c. Soybean, crude, Decatur, 11¾c.; refined, unbleached, undeodorized, 12.59c., tankcars.

Los Angeles, March 22.—Cottonseed oil continued in active demand and was the main interest in vegetable oils last week.

Flaxseed

Seed receipts were slightly heavier and readily taken. Arrivals were inadequate to cover demand. Market firm. Farmers still withholding seed.

Minneapolis, March 23.—Cash flax receipts exceeded expectations by a moderte margin last week, but there was an aggressive demand for all offerings. There were a few cars offered on track, but most all of them were absorbed on arrive contracts, some of which were quite old. The flax due on them was bound up in country elevators by lack of boxcars. Most of the increase in receipts was due to the loosening of elevator supplies to the West and North and did not represent fresh farm selling.

As in the corn situation, many of the farmers are impressed with the idea that the government will have to raise the ceiling freely to induce planting and this should make old flax worth more. Some farmers are holding back old stuff for the dime raise in the ceiling, especially where they have decided not to produce this year. Estimates of current farm reserves are more moderate than statistics based on government reports would figure. There may be 6,000,000 bushels left to market if any important number of farmers decide to sell the percentage of reserves they usually hold back for seeding.

Market Trends

Prices Advanced

None

Prices Reduced

None

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
195.3	195.3	195.3	194.1

Crop movement in bushels follows:—

	Receipts		Shipments	
	1944	1943	1944	1943
This week	204,000	169,500	54,000	57,000
Since Sep. 1.	18,272,000	13,138,500	2,646,300	1,145,000

The week's closing flaxseed price range was as follows:—

	Cash	May
Saturday	$3.05	$3.05
Monday	3.05	3.05
Tuesday	3.05	3.05
Wednesday	3.05	3.05
Thursday	3.05	3.05
Friday	3.05	3.05

Buenos Aires, Mar. 24.—No flaxseed offerings. Exports this week were to the United Kingdom, 461,000 bushels and Continent, 39,000 bushels totaling 500,000 bushels. Visible supply, estimated at 12,598,000 bushels.

Linseed Meal

An active call featured the market. Crushers sold well ahead and unable to offer. Forward deliveries in good demand.

Minneapolis, March 23.—Some country shippers are demanding meal in exchange for flax, and this tends to complicate matters because crushers are sold ahead, and when the government quota is deducted from their output they have little or nothing to sell. Demand for forward shipment still is good.

Shipments of linseed meal in pounds were as follows:—

	1944	1943
This week	12,300,000	9,660,000
Since Sept. 1	340,742,000	321,060,000

Chicago, March 23.—Demand for linseed meal was quiet. Ruling price in sacks, March, f.o.b. Chicago, $48.88 per ton.

Linseed Oil

The report of the flaxseed acreage to be planted this Spring issued by the Department of Agriculture was received with interest by the trade, but the reduction of 31 percent in the acreage as compared with last year did not cause a great deal of concern because a decrease was expected and the government report was discounted. The indicated flaxseed acreage for the United States for 1944 as reported by the Department of Agriculture as of March 1 was 4,351,000 acres, comparing with 6,320,000 acres for the Spring planting of 1943, and the ten-year (1933-42) average of 2,469,000 acres. This indicates a decrease of 31 percent for 1944 as compared with last year.

Demand for linseed oil during the week was mainly for moderate quantities for prompt requirements. Forward positions were in fair inquiry, but actual trading was quiet.

Minneapolis, March 23.—Linseed trade during the week was limited. Scattered sales to core makers, paint mixers and linoleum manufacturers were noted. Government allotments continue, but shipping instructions from government agencies are light.

Shipments of linseed oil in pounds were as follows:—

	1944	1943
This week	8,880,000	7,740,000
Since Sept. 1	196,630,000	190,320,000

Chicago, March 23.—Sales and inquiries somewhat slow. Tankcar quoted at 14.3c. per pound; drums, car lots, 15.3c.; drums, less than car lots, 15.7c.

Los Angeles, March 22.—Linseed oil was in fair demand at below ceiling, while contract deliveries were reported good. California's Imperial Valley flax crop looks promising with acreage about 65,000, an increase of 10,000 compared with previous estimates. Ceiling quoted at 14.5c. per pound in tankcars, with sales at 14.2c. and 14.3c.

Cottonseed Oil

Movement of cottonseed oil into consuming channels continued in good volume during the week. New business was moderate and spotty and confined to prompt requirements. Prices were firm at ceilings. An easier tone prevailed in the hog market, prices declining rather sharply during the week, from the four-month high of 14.45c. per pound. Heavy runs of hogs and good-sized holdovers, combined

For current prices see alphabetical listing beginning on page 9.

Rheem
REGISTERED TRADE MARK
STEEL SHIPPING DRUMS
RHEEM MANUFACTURING CO.
Houston, Texas Chicago, Ill.
Richmond, Calif. New Orleans, La.
Los Angeles, Calif.
Sparrows Point, Md.
Sydney, Australia
Stockton, Calif. Portland, Ore.
Birmingham, Ala. Danville, Pa.
Melbourne, Australia

STEARIC ACID
Single Pressed and Double Pressed
Available in either cake or flake form
Triple Pressed
IVORY BRAND

STEARIC ACID
OLEIC ACID
(Red Oil)
DISTILLED
FATTY ACIDS
Animal and Vegetable
RUFATS
(Hydrogenated Fatty Acids)
WILSON & CO INC
WILSON-MARTIN DIV.
SNYDER AND SWANSON ST.
PHILADELPHIA, PA.

RED OIL
(OLEIC ACID)
RUBY OLEINE
BRAND (*distilled*)
STAR BRAND
(*saponified*)
CANARY BRAND
(*very pale yellow, especially suitable for best types of dry cleaners' soaps.*)
PROCTER & GAMBLE
MAIN OFFICES
Gwynne Bldg., Cincinnati, Ohio
220 East 42nd St., New York City
Branches and stocks in all large cities

THE BRODE CORPORATION
MEMPHIS, TENNESSEE
Domestic and Export
PRODUCTS OF COTTONSEED PEANUTS and SOY BEANS
Members—Memphis Merchants Exchange (Futures in Cottonseed Meal)
New York Produce Exchange (Futures in Cottonseed Oil)
Codes: Yopps Robinsons, Bentleys ABC, 5th Edition. Peerless

QUALITY SERVICE
Manufacturers Since 1837
DISTILLED
STEARIC ACID
Single, Double and Triple Pressed
Cake, Flake and Powdered
DISTILLED
OLEIC ACID
(*Red Oil*)
Light Color, Various Titres,
Barrels, Drums and Tankcars
WHITE OLEINE
U. S. P. Specifications Guaranteed
88% SAPONIFICATION
CRUDE GLYCERIN
TALLOW FATTY ACIDS
CONCEDED HIGHEST QUALITIES
A. GROSS & CO.
Sales Office: 295 Madison Ave., New York, N. Y.
FACTORY: NEWARK, N. J.
AShland 4-8251 Cable: Grossray

with the reduction of government support prices which are scheduled to become effective April 15, were reported to be the weakening factors. On April 15, support prices will be withdrawn from hogs weighing 300-330 pounds to 230-270 pounds, the former support level.

War Production Board announced, effective April 1, the temporary suspension of the restriction on the use of glycerin for civilian needs through April, May and June, as the result of the larger production of fats from hogs early this year.

Prices follow:—

	High.	Low.	Close.
	—Cents per pound in tanks—		
May	....	....	14.00 Nom.
July	....	....	14.00 Nom.
September	....	....	14.00 Nom.

Cash, refined, 14.00c., nom.

Crude, Southeast, 12¾c.

Memphis, Mar. 24.—Cottonseed and soybean meals offerings somewhat more plentiful, but production being readily absorbed. Cotton planting delayed due to continuous rains. Crude cotton oil firm with offerings scarce.

Chicago, March 23.—Buying of cottonseed oil is comparatively brisk. Refined, edible oil, 16¼c. to 16½c. per pound; 14¾c. to 17c., drums, less than car lots.

Cake and Meal

Steady demand was noted for cake and meal. Recent arrivals of South American cottonseed meal, 41 percent protein, were sold at $49.75 per ton, basis Memphis.

Fatty Acids

Consuming call against standing contracts active. Interest in prompt and nearby needs moderate. Available stocks limited and firm at prevailing ceilings.

Chicago, March 23.—Fatty acids business was fairly good. Corn oil, double distilled, f.o.b. Chicago, 11c. per pound, tankcar; coconut oil, distilled, delivered, 18c. to 18½c., tankcar; cottonseed oil, double distilled, delivered, 11¾c., tankcar; settled cottonseed soap stock, 60-62 percent basis, 3⅞c. to 4c.; boiled down soap stock, 65 percent basis, 4⅞c. to 5c.; cottonseed foots, 50 percent basis, 3¼c. to 3½c.

Fish Oils

Herring.—Production of Alaskan herring oil for the 1943 season totaled 1,644,142 gallons, comparing with 829,230 gallons in 1942 and 2,894,453 gallons for 1941, according to the fishery industries division, Department of Interior.

Menhaden.—Trading quiet, although

TALLOW
LARD OIL
NEATSFOOT OIL
ANIMAL STEARINE
ACIDLESS TALLOW OIL

INDEPENDENT MFG. CO.
Bridesburg P. O. Philadelphia, Pa.

VIKING
Petroleum Solvents
HEXANE • PENTANE • HEPTANE
PETROLEUM ETHER
LIGROIN • BENZINE
LOW COST—HIGH QUALITY
Special Solvents for Specific Purposes
VIKING DISTRIBUTING CO.
K. V. BLDG., CHARLESTON, W. VA.

W. C. HARDESTY CO.
41 EAST 42nd STREET • NEW YORK 17, N.Y.

RED OIL STEARIC ACID
Saponified — Distilled

HYDROGENATED FATTY ACIDS
(HYDREX)

Cottonseed Oil Fatty Acids
Palm Oil Fatty Acids
Corn Oil Fatty Acids
Specialty Fatty Acids

Glycerine — Pitch — White Oleine

FACTORIES
DOVER, OHIO · LOS ANGELES, CALIF. · TORONTO, CANADA

UNITOL "R" THE REFINED TALL OIL
(Fatty and Rosin Acids)
AVAILABLE
ECONOMICAL
VERSATILE
Write for sample, analysis, and price
UNION BAG & PAPER CORPORATION
By-Products Department
2166 WOOLWORTH BLDG., NEW YORK 7, N.Y.

CROSBY
THE MARK OF QUALITY

PINENE
PINE OILS
DIPENTENE
B WOOD RESIN
FF WOOD ROSIN
ALPHA TERPINEOL
TERPENE SOLVENTS
PALE WOOD ROSINS
(All grades from I to X)
LIMED WOOD ROSINS
RESINOUS CORE BINDER
STEAM DISTILLED WOOD TURPENTINE

CROSBY NAVAL STORES, Inc.
PICAYUNE, MISSISSIPPI

LET NUODEX LABORATORY HELP!

OUR LABORATORY is considered the most modern, fully equipped in our field. It is staffed by experienced chemists and practical paint men. They will function as an integral part of your organization for the asking on problems of driers, fungicides or dispersion aids.

NUODEX PRODUCTS CO., INC., ELIZABETH, F, N. J.
NUODEX PRODUCTS OF CANADA, LIMITED, LEASIDE, ONTARIO

DARLING'S
PEARL-STEARIC

A FREE-FLOWING
STEARIC ACID
IN BEAD FORM

•

Measures, Weighs, Mixes
and Melts Quickly

Also
Slab Stearic Acid
Oleic Acid
Red Oil
Fatty Acids
Glycerine
Pitch—and
Special Fatty
Acids for Rubber
Compounding

DARLING & COMPANY *Manufacturers*
4203 South Ashland Avenue • Chicago

withdrawals against current orders were in good request.

Baltimore, March 22, 1944.—Activity in the menhaden fishing industry this season is regarded as dependent largely on the extent to which the draft board exercises restraint in drawing upon the man power in this area.

A conference was to have been held yesterday at Washington between representatives of the fishing companies, and the military authorities to hear arguments by the representatives relative to obtaining crews for the fishing vessels. But the dignitaries from Washington failed to put in an appearance. Whether another date will be set is not known, and the issue remains in doubt while the time for the opening of the fishing season is running short. The government has manifested a disposition to turn back the larger number of the craft taken over for war duty, and it is reported that of the sixteen vessels so requisitioned ten are again at the disposal of the fishing companies.

According to advices from up north about 200 tanks of menhaden oil are being held in storage at Marcus Hook. This oil has undergone gradual deterioration by a formation of acid, and unless it is speedily released, will lose much of its value. It is reported, a Baltimore refiner applied for six tanks of the stored oil before last Christmas and was advised that the request would be granted. But not until a week ago was the refiner advised that the six tanks were at his disposal. By that time the acid content in this oil had risen so high that the refiner declined to avail himself of the permission, prefering to wait until the new crop of low acid content becomes available.

Sardine.—Steady call noted against former contracts. New business light.

Los Angeles, March 22.—Sardine oil in first hands is being held for biological sale at prices higher than the crude oil ceiling.

Fats and Greases

Grease.—Market remains firm. All grades in active demand. Production sold up. Prices steady at ceilings.

Tallow.—With output sold well ahead and an active inquiry, the market continued firm at ceilings. Trading restricted to limited quantities.

Chicago, March 23.—The fats and greases market was quiet but steady. A white grease, 8¾c. per pound; stearin, 10.61c.; prime tallow, 8⅝c.

Animal Oils

Degras.—Market firm, with users taking small lots for actual needs.

Lard.—Trading slow. Prices well held at ceilings.

Neatsfoot.—Buying interest moderate. Market steady. Offerings light.

Chicago, March 23.—Demand for animal oil was moderate with prices firm. Lard oil, No. 1, 14½c. per pound; oleo oil, No. 1, 13¾c.; tallow oil, acidless, 13¾c., tankcars.

Waxes

Deliveries of recently arrived carnauba wax continued a major activity of importers of that material. In addition to the extremely heavy landings in recent weeks, reports recorded further arrivals in the amount of 6,736 bags. This quantity, like the previous landings, were well sold into consumption prior to arrival and hence warehouses of dealers are likely to remain as low as ever. The fact was that all waxes were on the scarce side and far more wax could be sold than can be imported under present limits maintained by Federal agencies. Carnauba in London was 425s. per hundredweight.

Iron Oxide Pigments Standards Drafted

Tentative drafts covering proposed Federal specifications for black synthetic iron oxide and brown synthetic iron oxide have been prepared by the Federal Specifications Executive Committee of National Bureau of Standards. The two standards were prepared to round out the list of specifications for dry colors.

Producers are asked to comment specifically on the tentative 96.0 percent minimum of ferro-ferric oxide of iron set for the brown pigment, and 98.0 percent minimum of ferro-ferric oxide of iron set for the black pigment. Comment on the specifications is requested by April 15.

Minnig Joins Witco As Vice-President

C. J. Minnig has been made vice-president of the Witco Chemical Company, this city. He will direct the sales of the company's lines of 'Witco' and 'Continental' carbon blacks. His headquarters will be in 311 Peoples Bank building, Akron, Ohio. The Witco company was recently appointed sole distributor of blacks, manufactured by the Continental Carbon Company, Sunray, Texas.

REFINERIES
SAYVILLE, L I
KILGORE, TEXAS

MARKETING DEPT.
70 PINE ST., NEW YORK 5
PHONE: WHitehall 4-4696

KOSTER KEUNEN
MFG. CO., INC., SAYVILLE, NEW YORK

HIGH MELTING
HM WAX

HIGH MELTING PETROLEUM WAXES

NAME	COLOR N. P. A	MELTING POINT °F	SOFT POINT °F	PENET 100 g 77°F
BLACK		180—185	178	30—35
AMBER	5—7	185—190	176	30—35
YELLOW	4—5	185—190	176	20—25
100 YELLOW	4—5	175—180	170	10—15

PLASTIC
PL WAX

PLASTIC PETROLEUM WAXES

C BROWN		140—145	130	35—45
725 BROWN		150—155	134	50—60
725 AMBER	4—5	150—155	134	50—60
725-15 BROWN		165—170	150	40—50
725-15 AMBER	4—5	165—170	150	40—50
900 YELLOW	3—4	165—170	150	40—50
700 LEMON	2—3	160—165	154	25—30
721 YELLOW	3—4	170—175	157	25—30

BLEACHING **BEESWAX** SINCE 1852

U. S. P. PURE SUN BLEACHED
U. S. P. PURE REFINED YELLOW

ASK FOR SAMPLES, PRICES AND FURTHER INFORMATION

Wm. Diehl & Co.

CANDELILLA WAX
CARNAUBA WAX
High M. P. Substitute
OURICURY WAX

SHELLAC and substitute

332 W. 42nd St., New York 18, N.Y.
Phone: BRyant 9-5211

QT Brand WAXES

DOMESTIC
OZOKERITE
Uniform . . . dependable . . . with excellent oil retention values

DISTRIBUTING AND TRADING CO.
444 MADISON AVE. - NEW YORK

A. A.
STANDS NOT ONLY FOR
ALLIED ASPHALT
BUT ALSO FOR THEIR
ALL AMERICAN WAXES
And Allied Products Readily Available Such As . . .

Allocation free
MICRO CRYSTALLINE WAXES
for
Laminating and Dipping Purposes, Wax-Coatings, Moisture-Proofing, Glassines, Paraffine-Extenders, etc.
M. P. 130° F. up to 165° F.
in Olive-green, Amber and Natural Yellow colors.
Needle Penetrations at 77/100/5 from 25 to 65

ALSO

OZOKERITE:
Crude Hard Green. MP 150 to 185° F.
Refined Yellow and White MP 145 to 180° F.

AMORPHOUS MINERAL WAXES:
Black, Brown, Amber, Yellow and White. M. P. Range 140 to 190° F.

BEESWAXES:
Yellow Refined and Fully Bleached.

SUBSTITUTE WAXES:
Beeswaxes Ouricury
Carnauba Montan
Physical and chemical properties are identical to those of the natural product.

PETROLATUMS

SEMI-CRYSTALLINE WAXES

COMPOSITION WAXES

NAPHTHENIC SOAPS — WHITE OILS
and
High M. P. Straight Hydro-Carbon Base
"ALKRA" Binding Agents.

WAX AND OIL DIVISION
ALLIED ASPHALT & MINERAL CORP.
217 Broadway, NEW YORK 7, N.Y.
Telephone: REctor 2-2955
Factories:
Brooklyn - Bayonne - Dunellen
AGENTS IN ALL PRINCIPAL CITIES
in U. S. A. and Canada

SUN BLEACHED

Beehive Brand **BEESWAX**
• Finest Quality
• Guaranteed Pure
WILL & BAUMER CANDLE CO., INC.
Dept. E-3 Syracuse, N. Y.
Established 1855
Spermaceti Red Oil Glycerine
Ceresine Stearic Acid

WARRANTED PURE BEES WAX

The best that can be produced. It is 100% PURE BEESWAX and measures up to all the requirements of the U. S. P.

SPECIFY TL BRAND
BEESWAX

THEODOR LEONHARD WAX CO., INC. (Dept. A)
Haledon ESTABLISHED 1852 Paterson, N. J.

AMCON

AMORPHOUS WAXES
For Laminating Paper
Melting Points 126° F. to 170° F.
COLOR: DARK AMBER

PETROLEUM SULPHONATES

AMCON TRADING CORPORATION
29 BROADWAY NEW YORK 6, N. Y.

AN ANNOUNCEMENT OF SPECIAL INTEREST TO THE DRUG TRADE

"In the Future . . . as we have for 111 years in the Past . . . We Will Continue to Serve the Entire Drug Trade. A Change in Ownership Does Not Mean a Change in Policy."

GEORGE MILLER
President
Strong Cobb & Co., Inc.

FOR more than 111 years—over a century—Strong Cobb & Company, Inc., has enjoyed an enviable reputation as a manufacturer of fine *private formula* pharmaceuticals.

Today, it is under new ownership.

Control has now been bought by Standard Brands Incorporated.

But this is a pledge to all of our old, as well as new, customers. *Our policies remain the same. We will continue to serve the entire drug trade, in the future as we have in the past.*

Few industries are governed so completely by precise automatic controls as the manufacture of pharmaceuticals. Few depend so much on the skill and accuracy of the men in control. That is why Strong Cobb & Company, Inc., laboratories are staffed by highly skilled chemists, trained alike in the fundamentals of good laboratory practice and the latest analytical techniques. And that is why our products have stood out above competition for over a century.

This skill and experience will still be available to you.

Our Army-Navy "E" award explains why we have not been able recently to meet some of our civilian demands. Naturally, the Army and Navy come first. We want to do all we can to help win this war. But a continuation of past policies, *with particular emphasis on laboratory expansion*, means that we are making every effort to meet full civilian demand.

Strong Cobb Company INC.

Drugs and Fine Chemicals

The outstanding price development in the drug market last week was the sharp decline in quotations on hard and soft mercurials. The schedule of new quotations on calomel, corrosive sublimate, red precipitate, and white precipitate became available March 21, but there was delay in figuring the lower prices on soft mercurials—which meant blue mass and powder, mercurial ointment; and mercury bisulphate, iodide, and mercury with chalk. The delay, in one quarter at least, was laid to lack of manpower. The reductions seemed to be the result of competition, and not the result of any further decline in the price for quicksilver.

The following tabulation, comparing values of hard mercurials when quicksilver prices were virtually identical, may be interesting, especially since it would appear that the decline in values in effect on March 21, 1944, when compared with prices on December 4, 1939, two dates upon which the price of quicksilver was almost identical emphasizes the fact that the new prices on calomel and corrosive sublimate are in comparatively favorable position.

		Mar. 21, 1944	Dec. 4, 1939
Quicksilver	flask	$130.00	$135.00
Calomel	lb.	2.35	2.45
Corrosive sublimate, cryst.	lb.	1.94	2.04
Mercury oxide, yellow	lb.	2.78	2.78
Red Precipitate	lb.	2.66	2.66
White Precipitate	lb.	2.44	2.34

Nicotinic acid and nicotinamide appeared to be strengthening a trifle and in addition to stating that the War Production Board would welcome new production, one maker suggested that a rise in price should surprise no one. Against the latter possible development was the accomplished fact that another maker recently sold the War Food Administration 22,194 kilos of nicotinamide at $12 per kilo, or $1.25 per kilo under the growing market price.

No action on menthol prices has been taken yet by the Office of Price Administration. Meanwhile the prices wanted in Brazil rise and the stocks of menthol for medicinal use are so small that some menthol merchants oppose the continued use of menthol in some brands of cigarettes unless OPA makes provision for sufficient menthol to cover medicinal requirements.

Acid, Citric.—Conditions hold little hope for a larger supply of this acid. And the same conditions suggest increased use by Federal agencies concerned with the purchase of army Ration K.

Acid, Gallic.—The situation was reported still very tight and technical acid was not available under $1.10 per pound. The N. F., item stood strong at a minimum of $1.27 per pound.

Acid, Nicotinic.—Some reports suggested that there might be an advance in quotations on this article, which would be a definite reversal of the price trend for many months. The supply was reported extremely modest. WPB was said to encourage new production.

Alcohol.—The days for alcohol to sell at current levels grow fewer. The next (April 3) issue of the Reporter will find quotations on tax paid ethyl alcohol substantially higher as the result of an increase of $5.70 per wine gallon in the revenue tax on 190 proof alcohol. This would make tankcars sell at $17.60. However, the drawback will be $11.40 per wine gallon on 190 proof alcohol. Users entitled to a draw back on their purchases of ethyl alcohol will have a net cost of $6.20 per gallon. Before a drawback was granted in October, 1942, they had paid $8.12 per wine gallon. Hence, alcohol bought subject to a drawback beginning April 1, 1944, will actually cost $1.92 per wine gallon less than it did in October, 1942.

Calomel. — Prices were reduced sharply. New limits were established at $2.35 per pound without there having been any further drop in quotations on quicksilver. The development appeared to be purely competitive.

Castor Oil.—Total arrivals of castor beans since January 1 last now has reached 79,751,750 pounds; the most recent landing totaled 6,886,500 pounds.

Market Trends

Prices Advanced

None

Prices Reduced

Calomel, 40c. per lb.
Corrosive sublimate, 30c. per lb.
Mercury oxide, yellow, tech., 40c. per lb.
N. F., 40c. per lb.
red, tech., 40 per lb.
N. F., 40 per lb.
Red precipitate, 40c. per lb.
White precipitate, 20c. per lb.

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
242.8	243.7	243.7	241.5

In addition, landings of 758 drums of Brazilian-made oil were noted. Supplies of oil and raw material were definitely plentiful.

Chicago, March 22.—Orders for castor oil are in good volume. General underlying tone of the market is firm, and considerable activity is reported. Prices are:—Cold pressed, U.S.P., returnable drums, car lots, 14½c. per pound; drums, less than car lots, 15¼c.; tanks, 13¾c.; No. 3, extracted, returnable drums, car lots, 14¼c. per pound; drums, less than car lots, 15c.; tanks, 13½c.

Cocoa Butter. — Those in contact with the recent market for Brazilian butter stated again last week that not much more is to be expected here unless the price in Brazil shall decline. It has already risen to a point where United States ceilings prevent further profitable importations.

Corrosive Sublimate. — Quotations were reduced substantially, evidently the result of competition; raw material prices were no lower. New schedules are based on powder and granular at $1.79 per pound and crystals at $1.94.

Fishliver Oils.—Reports indicate that there has not been much activity since the recent War Production Board M-373 order on A oils. Forms for buyers and sellers have been slow in reaching the markets. Producers need far more livers than are reaching them now. Less than 5,000 pounds of shark carcasses were reported at Seattle for the six days ended March 11.

Los Angeles, March 22.—The trade is for the most part marking time with very few sellers in the market and with WPB M-373 tending to discourage business for the present. There is a very bad shortage of livers. Seattle reported that landings of shark carcasses amounted to 3,065 pounds for the week ended March 17.

Glycerin.—Suspension of the War Food Administration restrictions on the use of glycerin for civilian needs will continue through April, May and June, according to a statement of the WFA on March 22. It follows a six-month period of relaxed restriction. Prior to October 1, 1943, many civilian consumers had been denied glycerin. Reporting requirements of FDO No. 34 remain unchanged. This supension forecasts no decrease in the need for fats salvaged in the nation's kitchens. These are known in the trade as "hard fats" and requirements for the same are greater now than ever before.

Chicago, March 22.—Orders for glycerin are reported moderate. Buyers seem to be taking their time in making commitments. Meanwhile the market is firm. Prices for both chemically pure and high gravity are:—Tankcar, 18c. per pound; drums, car lots, 18¼c.; drums, less than car lots, 18¾c.

Menthol. — Some quotations cabled from Brazil far exceed the official price of $29 per kilo, established by the Bank of Brazil. The $29 price would be the approximate equivalent of $13.25 per pound, f.o.b. Brazilian ports. When unescapable costs have been added, a spot market at $18.50 or $19 per pound would seem to be indicated at the very minimum. Meanwhile, manufacturers utilizing menthol as a medication agent go short of supplies; the menthol content of many products decreases, almost to the vanishing point in some instances; and the price for the affected products remain unchanged. All this while the Office of Price Administration "studies" the menthol situation but fails to establish a definite dollars-and-cents price ceiling. While some Federal agencies apparently view the Brazilian menthol market as too high, others do nothing to encourage production of sufficient domestic peppermint oil to allow domestic manufacture of menthol in quantity sufficient to meet medicinal

For current prices see alphabetical listing beginning on page 9.

CHEMO PURO MFG. CORP. NEW YORK, U.S.A.

ICHTHAMMOL

The True Criterion of Purity:

Its solubility in water and glycerin.

Is the quality you buy completely soluble?

Ours is--would you like a sample for comparison?

CHEMO PURO
Manufacturing Corporation
48th AVENUE AND FIFTH STREET
LONG ISLAND CITY NEW YORK

A new Products List is available.

ORGANIC PEROXIDES

CATALYSTS FOR POLYMERIZATIONS
DRYING ACCELERATORS · OXIDATION AGENTS · BLEACHING AGENTS

LUCIDOL®
(BENZOYL PEROXIDE)

LUPERCO®
(PEROXIDE COMPOUNDS)

ALPEROX® C
(TECHNICAL LAUROYL PEROXIDE)

SPECIAL ORGANIC PEROXIDES

® REGISTERED TRADEMARK

TRADE MARK

LUCIDOL CORPORATION
BUFFALO (5) N. Y.

PROCTER & GAMBLE
Largest Producers and Refiners of
CHEMICALLY PURE GLYCERINE
U.S.P.
Packed in drums, cans and glass
Also other grades—Stocks in principal cities
Gwynne Building
Cincinnati, Ohio
220 East 42nd Street
New York City
C/P

DIMETHYL PHTHALATE
MANUFACTURING CHEMISTS
FRIES & FRIES
INC
CINCINNATI
U.S.A.
1540 BREWSTER AVE.
CINCINNATI
13 EAST 37th STREET
NEW YORK 16

SEYDEL
BENZOCAINE U. S. P.
NEW DESCRIPTIVE LEAFLET NOW AVAILABLE
SEYDEL CHEMICAL COMPANY
Established 1904 JERSEY CITY 2, N. J. BErgen 3-7047

FISHER CHEMICAL COMPANY
60 EAST 42nd STREET NEW YORK 17, N. Y.
MUrray Hill—2-2587-8-9

ARMY E NAVY
Buy War Bonds
BORAX AND BORIC ACID
TRONA
MURIATE AND SULFATE OF POTASH
BROMINE — BROMIDES
AMERICAN POTASH & CHEMICAL CORP.
122 East 42nd Street New York 17, N. Y.

ATLAS POLYALCOHOLS
EXTEND ROTENONE and PYRETHRUM
with NNO
ATLAS INSECTICIDE-SPREADER
Atlas NNO is synergistic with scarce derris, cube and pyrethrum powders—extends their usefulness as much as 50%.
NNO is a superior spreader for copper, lead arsenate and hormone sprays. Send for folder.
NNO: Reg. U. S. Pat. Off.
CHEMICALS ATLAS EXPLOSIVES
ATLAS POWDER COMPANY
Industrial Chemicals Department
Wilmington . . . . . Delaware

requirements. One quarter suggested that the government might take menthol now held for mentholizing cigarettes and distribute it for medicinal use at equitable prices; little justification for "smoking" so scarce an article as menthol exists. Menthol in London was quoted at $25 per pound.

Mercury Oxide.—Producers reduced the U.S.P. product to $2.78 per pound, apparently under competitive conditions; no further drop in quicksilver costs could explain the decline in quotations on all hard mercurials.

Quicksilver.—The spot market held at $130 to $135 per flask and that on the Pacific Coast at the mines was considered to be $125. Transactions were numerous in the Coast markets, where it is said that buyers at last are realizing that mines are beginning to close.

San Francisco, March 22.—Quicksilver market is reported to be steady at $125 per flask with substantial sales for spot and nearby delivery being reported made on that basis. Production is reported to be growing smaller as more mines close.

Red Precipitate.—Leading manufacturers of hard mercurials dropped prices substantially last week, that on N.F. quality red precipitate being re-established at $2.66 per pound.

White Precipitate.—The quotations have been reduced severely. Producers now quote $2.44 per pound as the result of competitive circumstances.

Drugs Surplus

—Continued from page 7

a policy has been established by the Surplus War Property Administration, headed by William L. Clayton, on the manner by which these materials are to be disposed of. Up to the present time drug industry representatives have received no word from the government on the proposition they have advanced that every effort be made to dispose of these stocks abroad in order not to place an unwarranted burden on the domestic market.

Testimony having an indirect bearing on the problem as it relates to drugs was given this week by Mr. Clayton to the house committee on banking and currency, now considering legislation which would turn the job of disposing of surplus war property over to the Reconstruction Finance Corporation.

Mr. Clayton said that his aim was to dispose of surplus war stocks as quickly as possible and that he has told the agencies with surplus property to dispose of to follow present procedures until the organizational setup is completed. They were cautioned, however, he added, to test the market first to see how the stocks would be received, and also to make sales offers on bases that will let small buyers get in on the sales.

The predicted that the disposal of surplus government-owned war plants, valued in the billions, is going to be a "very difficult" problem.

Mr. Clayton also testified that it was his intention to exercise his authority to prevent one government agency from throwing commodities on the market at the time another agency of the government is buying, or attempting to buy, the same commodity. Furthermore, he said, he has the authority to set minimum prices on the sales of surplus stocks and to dictate where and when they shall be sold. This authority also would be exercised, he added, when found necessary.

Adams with Nevada Univ.

Wayne B. Adams, chief chemist for the Nevada Food & Drug Commission, has been named acting director of the foods and drug laboratory at the University of Nevada, to succeed the late Sanford C. Dinsmore.

Soil Waterproofing Method Developed

A chemical method of preventing mud by making soil waterproof has been developed by the Hercules Powder Company, Wilmington, Del., by the utilization of 'Stabinol.' By mixing this resin compound with the top few inches of soil, the company states that a waterproof substance is obtained, thus resulting in the water draining off or evaporating rather than seeping through the treated soil and turning into mud.

'Stabinol' can be used to stabilize unsurfaced dirt roads in rural areas where the traffic is light, or it can be mixed with soil that serves as the base on main highways with hard wearing surfaces.

Feeding Oils Exempt From Vitamin A Order

OPD Washington Bureau

Manufacturers of feeding oils were exempted from the requirement that they obtain permission from WPB to use vitamin A in their products by an amendment to the vitamin A allocation order, M-373, issued March 24. WPB officials said that it is purposed to allocate a supply of vitamin A monthly for use in feeding oils, but it will be left to the discretion of suppliers how it is to be distributed among this class of users.

Feeding oils are defined in the amended order to mean oils or blends or admixtures of oils containing not more than 6,000 USP units of Vitamin A per gram, irrespective of the vitamin D content, used in animal or poultry feeds or feeding. The term includes only those oils, blends, or admixtures of this description which were manufactured before February 28, or were manufactured from vitamin A within the quota for the February 28 to March 31 period, or were subsequently manufactured from vitamin A specifically allocated for this purpose or available for this purpose under the small order exemption.

The order states that any person buying feeding oils for animal or poultry feeds or for resale for feeding may assume that such oils are not vitamin A and subject to the order.

Milk Sugar Industry Advisers Named

OPD Washington Bureau

Milk Sugar Industry Advisory Committee has been formed by the War Food Administration. The government presiding chairman is Harry C. Trelogan. Other members of the committee are:—

E. F. Miller, of the Borden Company, New York; Mahlon Kline, of the Smith, Kline and French Laboratories, Philadelphia; H. S. Van Bomel, of the Sheffield Farms Company, New York; R. E. Meade, of the Western Condensing Company, Appleton, Wisc.; J. J. Quilligan, of the M. & R. Dietetic Laboratories, Columbus, O.; W. F. Richards, of the S.M.A. orporation, Mason, Mich.; Charles Leister, of the Nestles' Milk Products, New York; William H. Atkinson, of the Charles Pfizer & Co., Brooklyn; Dr. T. G. Klumpp, of the Wintrop Chemical Company, New York; K. H. Hoover, of the Commercial Solvents Company, Terre Haute, Ind.

BLL
PRODUCTS OF
GUARANTEED QUALITY
DIPHENYL-HYDANTOIN SODIUM U. S. P.
Prices and further details on request.
B. L. LEMKE CO.
Manufacturing Chemists
250 WEST BROADWAY, NEW YORK 13, N.Y.

VITAMIN PRODUCTS

FISH LIVER OILS—CONCENTRATES

THE ATLANTIC COAST FISHERIES COMPANY

111 JOHN STREET, NEW YORK, N.Y.

LEGHORN TRADING CO., Inc.

21 West Street Telephone WHitehall 3-9636-7-8 New York City

TARTARIC ACID

CREAM OF TARTAR

PURE IMPORTED EDIBLE OLIVE OILS — RAPESEED OIL

OLIVE OIL FOOTS — TEASEED OIL

RED OIL — PALM OIL — SESAME SEED OIL

Specialists in Finest California Edible Olive Oil

Have You Tried

ACETAMIDINE HYDROCHLORIDE

Specifications

Melting Point	162-166° C.
Free Acid	None
Color	Creamy White
Form	Crystalline

FOR THE SYNTHESIS OF

Pyrimidines — Vitamin B_1

N-Substituted Acetamidines

For further information write to

NIACET CHEMICALS CORPORATION 4703 PINE AVE., NIAGARA FALLS, NEW YORK

HORMONES

TREEMOND

The TREEMOND SALES COMPANY

185 MONTAGUE ST. · BROOKLYN, N. Y.

TRiangle 5-6312-3

Cable Address: TREEMOND

Procaine Hydrochloride U.S.P. XII

Procaine Base

Ethyl-Aminobenzoate U.S.P. XII

Butyl-Aminobenzoate U.S.P. XII

Iso-Butyl-Aminobenzoate

Phenacaine-Hydrochloride U.S.P. XII

Eucaine-Hydrochloride U.S.P. XII

Sodium Methyl Arsonate C.P.

Tetra-iodo-phenolphthalein Sodium U.S.P. XII

PUROCAINE CHEMICAL CO., Inc.

Manufacturing Chemists

38th Ave. and 10th St., Long Island City, N.Y.

OPD—3-27-1944 51

TUBES

for the needs of today!

BACK THE ATTACK Buy WAR BONDS

3

Standard

SPECIALTY & TUBE CO.

New Brighton, Pa.

Explosives Handling

—Continued from page 7

or had been handed a copy, there was, nevertheless, a question whether this had the effect of law.

The regulations set out what are appropriate storage facilities for explosives and ingredients, use and transportation. Differences in requirements are provided in the case of high explosives and low explosives. It is not required that ingredients be stored in the same manner as explosives. Except in the case of blasting device heaters it is provided that explosive ingredients are to be stored in permanent magazine, box-type magazines, locked containers, locked rooms, or locked buildings, or otherwise adequately protected against thieves.

Officials emphasize that the regulations are not intended to impose an undue burden on manufacturers or users, and if a licensee finds that the regulations work an undue hardship on him he is privileged to apply for a suspension or modification of the requirement, indicating his reasons therefor. If, upon being informed by a representative of the bureau of his noncompliance with the regulation, the licensee does not make a request for suspension or modification of the requirement within five days, he is then subject to all the penalties for violation of the regulations.

BIOLOGICAL RAW PRODUCTS CO.
415 Lexington Ave. Phone MU 2-6361 New York 17, N. Y.
Fish Livers
High Potency Fish Liver Oils
Concentrated Oxgall, Pure
Glandular Extracts and Powder

SILMO
VITAMIN G-P PRODUCTS
● FISH LIVER OILS
● CONCENTRATES
Silmo Chemical Corp.
Laboratories and Main Office
VINELAND . NEW JERSEY

TRADE **EDCAN** MARK
CACODYLATES
The Standard of American Quality
EDCAN LABORATORIES
18-20 Pine Street
SOUTH NORWALK, CONN.

LABORATORY REAGENTS
Inorganic and Organic Chemicals
Biological Stains : Solutions
Chemical Indicators : Test Papers
Write for copy of our catalog
The COLEMAN & BELL CO.
Manufacturing Chemists NORWOOD, OHIO, U.S.A.
C&B
COLEMAN & BELL

Edw. S. Burke J. F. Hollywood
Representing:
CARUS CHEMICAL CO., INC.
BENZOIC ACID
SODIUM BENZOATE
HYDROQUINONE
MANGANESE CARBONATE
MANGANESE DIOXIDE
MANGANESE SULFATE
POTASSIUM PERMANGANATE
RARER PERMANGANATES
BENZOL PRODUCTS CO.
AMINOACETIC ACID (Glycocoll)
AMINOPHYLLINE
BENZOCAINE
CHINIOFON (Yatren)
CHLORBUTANOL
CINCHOPHEN & SALTS
IODOXYQUINOLIN SULPHONIC ACID
NEO CINCHOPHEN
OXYQUINOLIN BENZOATE
OXYQUINOLIN SULPHATE
POTASSIUM OXYQUINOLIN SULPHATE
PHENOBARBITAL & SALTS
TETRA-IODO-PHENOLPHTHALEIN SODIUM
THEOPHYLLINE
DIACETYL
PHENYL ACETIC ACID
BENZALDEHYDE
BENZYL ALCOHOL
BENZYL CHLORIDE
BENZYL CYANIDE
DIETHYL MALONATE
DIMETHYL UREA
CYANOACETAMIDE
CYANO ACETIC ACID
ETHYL CYANO ACETATE
8—HYDROXYQUINOLIN
8—HYDROXYQUINOLIN—5—SULPHONIC ACID
EDW. S. BURKE
Established 1917
132 Front Street New York N. Y.

LAMON CHEMICAL CORPORATION
NIKETHAMIDE, NNR
ACETYL TANNIC ACID, USP XI
ALBUMIN TANNATE, USP XI
METHYL ACETANILIDE
CACODYLATES
ARRHENAL, FRENCH CODEX
CAMPHOSULFONATE
MAGNESIUM THIOSULFATE
LAMON
CHEMICAL CORPORATION
Manufacturing Chemists
551 Fifth Ave. New York City
MUrray Hill 2-3753
LAMON

AMYLOCAINE HYDROCHLORIDE
(STOVAINE SYNONYM)
FALCO
FALLEK PRODUCTS COMPANY
149 Broadway New York 6, N. Y.
WO-2-5315

Alcohol Production Projects Approved

The Chemicals Bureau of the War Production Board has announced that it had approved and forwarded to the WPB Requirements Committee projects for the production of 11,100,000 gallons of ethyl alcohol annually from wood wastes and sweet potatoes. The projects approved are those of the Willamette Valley Wood Chemical Company Springfield, Ore., and of the United States Sugar Corporation, Clewiston, Fla. The former calls for the expenditure of $2,247,000, and will have a potential annual capacity of 4,100,000 gallons.

The Florida plant will involve an expenditure of $2,056,000, and will have a potential annual capacity of 7,000,000 gallons. Both plants will be the first of their kind in the United States. The Oregon project will consume wood now normally wasted in the area, while the raw material of the Florida plant will be sweet potatoes of a high starch content not palatable for ordinary human consumption. It is expected that both plants be brought into production within twelve months. The Defense Plant Corporation has been asked to provide the funds to build the projects.

Obituaries

Dr. Carl Koller

Dr. Carl Koller, who was credited with the discovery in 1884 of the use of cocaine as a local anesthesia, died March 21 in his home in this city. He was eighty-six years of age.

Born in Bohemia, Dr. Koller received his medical degree at the University of Vienna in 1882. He came to this country in 1888 and practiced in this city for more than fifty years as an opthalmologist.

John Zipp

John Zipp, president of the Zipp Manufacturing Company, makers of flavoring extracts and fountain fruits and syrups, Cleveland, Ohio, died March 14 in Sarasota, Fla., where he had gone to spend the winter. He was eighty-six years of age. Mr. Zipp founded the manufacturing company in 1885, and headed it till his death. Surviving him are a son, John Zipp, jr.; a daughter, Mrs. Nellie R. Fisher; and a brother, Louis D. Zipp, of Monrovia, Calif.

William Buss, a vice-president of McKesson & Robbins, Inc., died recently. He was seventy-seven years of age.

Louis Carl Rugen, vice-president of the Ruberoid Company, manufacturer of building materials and supplies, this city, died March 17. He was sixty-four years of age.

R. Gordon Snodgrass, comptroller of the Superior Oil Company, was killed in a plane crash near El Paso, Tex., March 11. He was thirty-four years of age.

Chemical Allocations

—Continued from page 7

105,000; shoe lasts, 10,000; miscellaneous civilian mechanical items, 61,438; essential civilian insulation, 499,669; OPA tokens, 50,000; spoons and forks, 371,877.

Vulcanized Fiber (Tubing)

Quarterly allocation, no report in March.

Zein

Allocated 100 percent for shellac substitutes, paper, small orders, and adhesive tapes.

Diacetone

Civilian uses in March were allowed as follows:—Brake fluid, 72,264 pounds (65 percent); lacquers, none; photo films, 30,750 pounds (100 percent); plastics, 2,933 pounds (87 percent); shoe adhesives, 37,798 pounds (52 percent); textiles, 6,450 pounds (46 percent). Requests for civilian lacquers, thinners and adhesives were denied.

BUY WAR BONDS

MECCO **Iodides**
EXCEPTIONALLY PURE
Mecco POTASSIUM IODIDE
All forms and mixtures.
Mecco RESUBLIMED IODINE
U.S.P.
Produced by Deepwater Chemical Co., Ltd., from California Oil Well Brines.
MERCURY
Prime Virgin Mercury from California mines.
MEFFORD CHEMICAL CO.
Western Chemical Headquarters
1026 Santa Fe Avenue, Los Angeles, Calif.

Manufacturers of
— AMERCHOL —
ABSORPTION BASES
for PHARMACEUTICAL and COSMETIC preparations
Our Absorption Bases possess inherent emollient and absorption properties because of their high free Cholesterol content.
● Facilitate the penetration and absorption of incorporated therapeutic agents.
● Recommended for ease of emulsification.
● Absorb unusually large amounts of water.
● Form pure white water-in-oil emulsions, completely stable under widely varied conditions.
We also manufacture—
Cholesterol C.P. ● Emulsifiers ● Ointment Bases
Industrial Penetrants ● Softening and Dispersing Agents and other Amerchol products.
American Cholesterol Products
Incorporated
MILLTOWN, NEW JERSEY
Sales Office —58 West 40th Street— New York 18, N. Y.

DRUGS
CHEMICALS
OILS
Orthodichlorobenzene
Paradichlorobenzene
Muriatic Acid
Naphthalene
IMPORT • EXPORT
H. H. ROSENTHAL CO.
25 EAST 26th ST., NEW YORK 10, N.Y.
CABLE ADDRESS "RODRUG" ALL CODES

Fertilizer Materials

The quota of organic nitrogenous materials which may be acquired by fertilizer manufacturers for use in mixed fertilizers or to be sold and used as unmixed fertilizer until June 30, next, was increased to 80 percent of the amount so used in the base period July 1, 1941, to June 30, 1942, by an amendment to FPO-12, announced by the War Food Administration March 18. Use of such materials was previously limited to 70 percent of the base period. The amended order states that the quantity of such material on hand on June 30, 1943, in both mixed fertilizer and as unmixed fertilizer material, is to be counted as a part of the quantity of organic nitrogenous materials a manufacturer is authorized to acquire.

New England tobacco growers have received the benefit of cottonseed meal importations. Prices of bone meal, dried blood, tankage and other fertilizer materials at foreign supply points have advanced to a level which is prohibitive to the placing of additional contracts. Continued scarcity of hoof meal has created a firmer tone to that market. Some phosphate rock from North Africa has reached the market. Labor shortage has assumed a key position in determining the production and distribution of fertilizer materials.

Nitrogenates

Ammonia Nitrate.—Ordnance contracts have been extended through April at unchanged prices. The supply situation appeared satisfactory to meet demand, while the keeping qualities under hot weather conditions will be watched with interest. Canadian advices stated that a minimum of 60 pounds is required to be used in each ton of mixed fertilizer manufactured. The amount of nitrate to be employed for this purpose during 1944 was estimated from 12,000 to 15,000 tons.

Ammonia Sulphate. — Distribution broad enough to prevent any accumulation of supplies. Output continued steady and holding around peak level. Shipments went forward under WPB regulation.

Bone Meal.—Very little domestic material reached the market and it was understood that no more permits for imported meal were given out. While prices here have shown a tendency to harden, the figures named at foreign supply sources were reported above domestic levels.

Castor Pomace.—Production reported to have improved slightly but not sufficiently to meet demand. Buying interest was reported more commercial than government at the present time. Available material was in limited supply at the close of the week with the general market reported tight.

Cottonseed Meal.—Some fair quantities of foreign material have reached the market and have been routed to New England to help satisfy the requirements of tobacco growers mostly in the Connecticut Valley area.

Dried Blood.—Market was reported firm at ceiling prices. Some scattered sales of car lots of domestic material sold recently for fertilizer use in the South. The supply situation remained tight with most of the late importations sold before arrival for feeding purposes.

Hoof Meal.—Continued scarcity of available material has created a firmer feeling in this market. Occasional car lots from foreign and domestic supply points reach the market, but demand has kept above the supply limit.

Nitrogenous Material.—Market has assumed a definitely tight position owing to reduced production brought about by a scarcity of crude materials. Demand was reported active with current output sold against contracts.

Soda Nitrate.—Steady withdrawals against allocations were reported for agricultural use. Demand for prompt shipment seemed to be broadening with room for all material permitted under WPB regulations. American nitrate was offered for April shipment at unchanged prices and so was A-N-L compound.

Phosphates

Phosphate Rock.—Substantial quantities of Florida material continued to reach acidulators and no relaxation in the movement is anticipated in view of the enlarged superphosphate program as suggested by the government. While the supply situation appeared fully capable of meeting the demand, it was surprising to note an arrival of more than 2,000 tons from North Africa This rock came over as ballast.

Superphosphate.—Output of normal basis 18 percent a.p.a. during the first seven months of 1943-1944 production year was approximately 3,880,000 tons, according to WPB. Assuming an average monthly production of 600,000 tons for the remaining five months of the year, the total output for 1943-1944 should approximate 6,900,000 tons. This would be an all time high. WPB further stated that new superphosphate facilities with an annual production capacity of approximately 612,000 tons of normal 18 percent have been approved and construction has either been completed or will be completed during the second half of 1944. Approximately 175,000 tons of this new production will be in the form of triplesuperphosphate.

Potashes

Available stocks remained favorable to meet allocations promptly and judging from official advices, production will be increased during the coming year if such a condition is possible under the prospective manpower shortage. Interest is gaining in new contract allotments and will increase as the season approaches its close in June.

Sulphur and Pyrites

Adequate supplies of sulphur are meeting all requirements of the fertilizer and other consuming industries. No serious complaints have been heard in reference to transportation and it is assumed that mine shipments are reaching their destination without unusual delay. Spanish pyrites remained quiet and without quotable price change.

Markets at Other Centers

Atlanta, March 24.—Spring planting caused some relaxation in buying interest. Fertilizer plants busy as labor will permit. Plenty orders on hand to be filled.

Baltimore, Mar. 24.—Labor shortage has slowed down production and deliveries. Fish scrap and meal quiet, with preparations made for new season's catch. Short stocks of tankage prevent business.

Chicago, March 24.—Tankage material fairly active. Blood and bone materials in good call. Prices unchanged.

Los Angeles, March 24.—Contract movement of mixed and crude materials active. Ground in excellent condition for spreading. All animal products short. Full allocations taken by mixers of everything possible to obtain.

Market Trends

Prices Advanced

None

Prices Reduced

None

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
71.8	71.8	71.8	71.8

Ammonia Nitrate Price for April Set

OPD Washington Bureau

Ammonium nitrate produced by the ordnance plants of the Army and being distributed by Associated Cooperates, Inc., as agents for the Commodity Credit Corporation, will be sold during April at $50 a ton, f.o.b. nearest production point, it was announced March 22 by the CCC. This is the same price that prevailed during March and February when the CCC took over handling of the program.

For current prices see alphabetical listing beginning on page 3.

Domestic SULPHATE of AMMONIA AND AMMONIA LIQUOR
MADE IN THE U.S.A. Barrett NITROGEN
THE BARRETT DIVISION
ALLIED CHEMICAL & DYE CORPORATION
40 RECTOR STREET • NEW YORK 4, N. Y.

Selected SPENT FULLERS EARTH
THE UNEXCELLED CONDITIONER
FOR MANUFACTURERS OF FERTILIZERS AND CHEMICALS!
If you need more in '44; Here's how—order now.
Then, be you large or small—we can surely serve you all.
THE DICKERSON COMPANY
BROKERS — IMPORTERS — EXPORTERS
DREXEL BUILDING - PHILADELPHIA 6, PA.

SUNSHINE STATE POTASH
A PRODUCT OF NEW MEXICO U.S.A.
REG. U.S. PAT. OFF.
MURIATE OF POTASH
62/63% K_2O ALSO 50% K_2O
MANURE SALTS
22% K_2O MINIMUM
UNITED STATES POTASH COMPANY
Incorporated
30 ROCKEFELLER PLAZA, NEW YORK, N. Y.

Our Army-Navy E, awarded for important work well done, now wears the coveted White Star for "continued determined effort and patriotism."

CARRYING A FULL SHARE OF THE LOAD

Military and civilian food requirements are going up and up...which means larger crops...which means more Potash to help farmers produce them.

Industry activity continues at high pitch...which means industry's Potash requirements continue to be large.

Answering this two-pronged demand, more Potash is being mined than ever before...and P.C.A. is bearing a full share of the load.

Yes, P.C.A., with the Red Indian trade-mark, is supplying large tonnage today. Keep your eye on our Red Indian — now and in the post war days to come.

POTASH COMPANY of AMERICA
CARLSBAD, NEW MEXICO
GENERAL SALES OFFICE...50 Broadway, New York, N. Y.
• SOUTHERN SALES OFFICE...Mortgage Guarantee Building, Atlanta, Ga.

EXPERT CHEMISTS WILL HANDLE YOUR CHEMICAL PROBLEM CONFIDENTIALLY

As new sales opportunities come into view, certain industries are seeking new or additional sources of supply for chemicals —sources which are reliable, ready, and able to meet their needs . . The Montville Chemical works is equipped to be of immediate service to many of them.

The Montville Chemical Works is in continuous production on chemicals requiring a large number of different crude materials . . . Yet the Plant is flexible enough, and adaptable enough, to meet your own specifications, and supply the chemicals you need, with promptness and efficiency.

Perhaps you have been making certain items in your own plant, and now require the equipment for other purposes . . . If so, you may find that we can supply the items as dependably and as economically as you yourself had been accustomed to produce them . . . Inquiries will be held in confidence—we invite your correspondence.

MONTVILLE CHEMICAL WORKS

S. B. PENICK & COMPANY

50 CHURCH STREET NEW YORK 7, NEW YORK COrtlandt 7-1970

BUY WAR BONDS AND STAMPS — FOR VICTORY

Botanical Drugs, Spices, Gums

Botanical dealers in this and the primary markets are girding for a struggle to get crude drugs collected this year. From all signs available at this time, the struggle will be exceedingly tough since the principle opponent to collection will be a hard adversary "to take." Said adversary is labor supply.

From whatever part of the country reports may come—whether from New England down East, from states to the South, Indiana in the Middle West and or from California, Washington and Oregon in the Far West, reports carry the same refrain:—Workers are hard to find and harder still to persuade into the fields for drug collection.

Under normal circumstances and in ordinary times, the cure for sluggish collection of botanical drugs is money offered with a reasonably free hand and administered where it is calculated to do the most good. It is usually a sure cure for collection doldrums but dealers who have begun to apply the cure that formerly got results are far from sanguine about the response of such labor as may remain available.

Information afloat in this market last week suggested that the price lists now posted in primary markets for the purpose of rousing the interest of all possible workers offer the gatherers very high prices. And the high returns for collection have not brought in any flood of deliveries to collection depots. Rather, it was said, the desire to collect crude drugs remains luke warm; high prices have built no fires under those upon whom dealers will have to depend for collections of whatever size. To get collected all the crude drugs that dealers need appears, at this time at least, to be Utopia.

Balsams

Peru.—Firm on spot and at the primary market. Local activity not excessive in size during the past week.

Tolu.—Intimations from the source of supply suggested growing strength in prices quoted there. Locally, there was no weakness.

Barks

Barberry.—Arrival of 231 bags of root bark was reported reaching a spot market more notable for lack of stocks than anything else.

Cascara Sagrada.—Lack of activity locally was in keeping with conditions prevalent in most years at the corresponding time. However, the word from collection areas holds out but limited home for an even fair-sized peel this year, the result of labor shortages.

Cramp.—The N. F., bark is not a large item in the botanical market but to some it is more than reasonably important. And the word this Spring is that high prices are not likely to increase gathering much.

White Pine.—Rossed bark was exceptionally hard to find in any market and based on a virtually nominal market, the local price was 15c. to 16c. per pound.

Wild Cherry.—There is still a good market for thin cherry bark and it is as hard to secure as ever. Virtually nominal prices at 17c. to 18c. per pound for thin natural, and 23c. to 24c. for rossed, thin green bark.

Beans

Tonka.—Replenishment of stocks has been fairly large and also has been a rather general experience of dealers. Latest arrival was 52 barrels. Prices remain very firm and in line with primary market costs.

Vanilla.—The cost of new crop vanilla beans in Mexico is not likely to bring about a substantial decline in spot quotations when said crop begins to be marketed here in volume. Some recession from prices recently prevailing may develop but, on the whole, dealers are inclined to take a fairly firm view on the future of values.

Market Trends

Drugs

Prices Advanced

White pine bark, rossed, 1c. per lb.
Wild cherry bark, thin, natural, 1c. per lb.

Other Articles

Caraway seed, Syrian, dewhiskered, 1c. per lb.
natural, 1c. per lb.

Prices Reduced

Drugs

None

Other Articles

Celery seed, Indian, ¾c. per lb.
Clove, ¼c. per lb.
Ginger, Calicut, ¼c. per lb.
Jamaica, No. 3, 3c. per lb.
Marjoram, California, 4c. per lb.
Pimento, 2¼c. per lb.
Sage, Cyprus, ½c. per lb.

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
261.9	261.9	261.2	253.7

Berries

Juniper.—Collections of new crop have started in Southern New England. Heavy drain of manpower into the fighting forces and war employment is expected to raise collection cost when Spring work gets underway. The berries that ripened during the Winter are ready for collection and activity will last into mid June when most of the berries still uncollected fall off. Collection is practically nil in July and August but picks up in October to reach its maximum in October to continue at a decreasing rate until snow stops operations. The spot price for domestic berries is 55c. to 60c., a cost that is close to or actually the asking quotations in the country.

Flowers

Arnica.—Unless some dealer digs up a source which can supply substantial quantities of this flower, the market will be very lean as to supplies during the year ahead.

Chamomile.—Some excellent quality Hungarian style flowers that were shipped from Argentina out of new crop are available at about 65c. per pound in some quarters. Other sellers quote chamomile at 55c.

Elder.—It will need a liberal flowering of elder bushes and a willingness of collectors to bring in the merchandise. Dealers and collectors are offering mighty attractive prices in order to restore exhausted stocks.

Gums

Aloe.—Arrival of six cases, possibly Curacao gum, noted.

Arabic.—Stocks prove ample for requirements considerably in excess of those currently reaching historical dealers in this item. Prices have become firmer since such dealers took up some gum formerly owned here by speculative accounts.

Tragacanth.—A local dealer recently bought some $19,000 worth of this gum from sources within the country. Part was reported purchased in Chicago and part in Philadelphia. Two lots were said to be No. 1 ribbon and one lot was reported as No. 4 quality or grade.

Herbs and Leaves

Laurel.—Stocks of Greek leaves reported exhausted locally. Portuguese in moderate supply but returned to a firm quotation basis at 20c. to 20½c. per pound.

Marjoram.—Prices on domestic material originating in California were reduced to 70c. to 72c. per pound by local suppliers.

Sage.—Collection of California sages about to start. Collection season will last not more than three or four weeks because gathering of other crops will move the available workers elsewhere. The leucophylla variety was reported likely to come on the market at 55c. per pound April-May, California points, when available. The Dalmatian type will move at about 81c. per pound, April-July, California points. Good quality Cyprus sage a fraction lower at 21½c. to 22c. per pound.

Senna.—Stocks were increased to

For current prices see alphabetical listing beginning on page 9.

CHECK YOUR NEEDS
OF HOPKINS' ANALYZED HIGH-STANDARD
CRUDE DRUGS

NEW CROP
CHAMOMILES
HUNGARIAN TYPE

GENUINE CHINESE
RHUBARB
U. S. P.

WHOLE GRANULATED
POWDERED
SOLID and POWDERED
EXTRACTS

J. L. HOPKINS & CO.
IMPORTERS, MILLERS AND
MANUFACTURERS OF PROFESSIONALLY
MILLED, ANALYZED CRUDE DRUGS
220 BROADWAY • NEW YORK
Boston Philadelphia San Francisco Los Angeles Memphis

for Better FORMULAS better use . . .

KELCO ALGIN

AS
STABILIZER
SUSPENDING AGENT
BODYING AGENT
or HYDROPHILIC
COLLOID

MANY a formula can be greatly improved — in appearance, efficiency, and economical processing — by the use of KELCO Algin.

This has repeatedly happened in the fields of textile print pastes, dentrifices, pharmaceuticals, food products, boiler-water compounds, cold water paints, latex adheaives, leather dressings and others.

May we show you how KELCO ALGIN might be adapted with great profit to YOUR formula? Just tell us your intended use and the pH. Our laboratories will do the rest.

KELCO
REFINED ALGIN PRODUCTS

KELCO COMPANY
75 E. Wacker Drive CHICAGO-1
31 Nassau Street NEW YORK-5
530 W. Sixth Street LOS ANGELES-14

THE R. J. PRENTISS & CO., INC. WORLD IN BOTANICALS

BOTANICALS

WE'RE always on the job here at Prentiss and know "what's going on" in the botanical field.

Here at Prentiss we are able to function quickly because we have the organization, facilities and materials to meet your botanical requirements.

If botanicals are available, we have them in our warehouse. If they are "all out" items, our buyers usually know where and how to procure them. So try Prentiss on your next botanical order. Call WHitehall 3-8281, or if you are in the Chicago area the number is FRAnklin 1094.

R. J. PRENTISS & CO., INC.

80 JOHN STREET, NEW YORK 7, N. Y. 9 SO. CLINTON ST., CHICAGO 6, ILL.

the extent of the 100 bales landed recently. Very firm market.

Miscellaneous

Kamala.—Replacement arrival in the amount of six bags reported locally.

Lycopodium.—Some local factors believe that collection of domestic material will suffer by reason of an inadequate supply of labor.

Nux Vomica.—There are substantial quantities held in this market against possible manufacturing requirements of a not clearly disclosed future.

Roots

Arrowroot.—The West Indian crop was reported short and spot supplies were comparatively low and not readily obtainable. There is also some difficulty experienced in the matter of insufficient transportation facilities.

Pareira Brava.—After a substantial period during which no stocks was the general report in local circles, replacements in the amount of 20 bags were in hand and eventual restoration of a spot price was a reasonable expectation.

Rhubarb.—Most factors offer root imported from India only. However, one quarter offers genuine Chinese, USP root.

Seeds

Caraway. — Dewhiskered Syrian seed was higher at 58c. to 59c. per pound and the natural item was also more valuable at 27c. to 28c.

Cardamom.—Some Ceylon seed for later arrival was offered at 92c. to 93c. per pound.

Celery.—The war production board has informed those who import this seed from India that there is a limited amount of shipping space available at Bombay, India, and, hence, a limited amount of seed will be permitted to come to this country. Spot seed was lower at 22c. to 22½c. per pound. Later arrivals were quoted ½c. under that position.

Mustard.—Consumers were pressed to contract now against their future requirements, making use of the fact that the new crop will go into the ground shortly and farmers will entertain business on contract.

Poppy.—No Dutch seed was available on spot. Nor did there seem to be any of the white seed of India offered locally. And Canadian seed was

—Continued on page 58

Price Regulation Protest Filing Date Clarified

A protest against a maximum price regulation, based on grounds which arise after the regulation is issued, may be filed at any time after such new grounds arise, the Office of Price Administration said last week. Since November, 1942, OPA's revised procedural regulation No. 1 has required that such a protest must be filed within sixty days after new grounds for the protest occur.

This change follows a decision rendered March 17 by the United States Emergency Court of Appeals in Washington, D. C., which held that this requirement was based upon an erroneous construction of the emergency price control act.

The new action, of course, does not change the requirement that a protest against price regulation which is not based on grounds arising after its issuance must be filed within sixty days after the date of issuance of the regulation.

Sutton to Supervise Du Pont Houston Plant

E. I. du Pont de Nemours & Co., Wilmington, has appointed Harry L. Sutton field project manager to supervise work at its projected chemical plant on the Houston-Galveston ship canal near La Porte, Tex. Mr. Sutton, who has been assistant field project manager on construction of the du Pont rayon plant at Buffalo, N. Y., will open an office at the Texas project early next month.

Construction and adaptation of the shipyard facilities are expected to begin within sixty days. The first production unit of what will be known as the Houston works of the du Pont Grasselli chemicals department, will make phenothiazine.

PEEK AND VELSOR INCORPORATED 100 GOLD ST. NEW YORK 7

Established 1840 CRUDE DRUGS

N. F.

VALERIAN

DESCRIPTION

The name "valerian" first appeared in the 9th or 10th century as a synonym for the Roman name "Fu". And in 1087, a monk who taught medicine in the monastery at Monte Cassino, Italy — a German fort recently bombed into rubble by the American Air Force — wrote: "Fu is valerian". It was a perfume for clothes and a flavor for broth in 1567.

CONSTITUENTS

Acetic Acid
Chatinine alkaloid
Formic Acid
Malic acid
Manganese
Mucilage
Tannin
Starch
Valerine alkaloid
Volatile oil

PROPERTIES

Anodyne—relieves pain.
Antispasmodic—relieves spasms.
Aromatic—odoriferous, spicy.
Nervine—allays nervous excitment.
Stimulant—excites organic action.
Tonic—invigorates durably.

PHARMACEUTICAL PREPARATIONS

Extracts and tinctures, N. F.

WAREHOUSE AND MILLS

JERSEY CITY NEW JERSEY

CRUDE BOTANICAL DRUGS From Forty Nations TRADE MARK

Essential Oils, Other Aromatics

Domestic essential oils, especially peppermint, continued to occupy front place in the market for oils and aromatics last week. Planting season is a few weeks off; in some areas, planting could begin now. But the acreage of plants to be grown will be in ratio to the price the grower-distillers will be permitted this year by OPA. And OPA still studies instead of acting one way or another. Time grows short.

Domestic oil developments were featured last week by a proposal in Congress that peppermint oil imports be made dutiable at $2 per pound to give home oil production some protection from Brazilian-Japanese peppermint oil that seeks a market here at the expense of the American mint farmers. Details appear elsewhere in this issue. A thoroughly disinterested source that is closely and intimately informed on mint matters has expressed an opinion on the peppermint prospect for 1944 in terms not very encouraging. This opinion will be found in the peppermint oil market report below.

Most British controlled oils were on the firmer side last week, with the position of lemongrass being reflected in somewhat higher spot prices. Clove oil, on the other hand, was made available at lower price levels as the result of sufficient raw material being assured for the future. Italian oils were still in Italy or Sicily, not in the United States, where they would get eager welcome, especially as to lemon and bergamot. A few packages of either or both thrown aboard a returning military stores transport would mean the difference between some oil or absolutely no oil being available.

Market Trends

Prices Advanced

Lemongrass, 15c. per lb.

Prices Reduced

Clove, 10c. per lb.

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
259.6	259.4	259.4	238.4

Essential Oils

Almond.—All sorts are in low supply; the position of natural bitter oil is acute to the point where most former dealers have none. Expressed oil was moderately supplied at very firm prices.

Anise.—Persistent demand for genuine oil continued despite the almost total elimination of spot stocks of the article. Consumers' main dependence now is replacement or substitute products.

Bergamot.—Comment among some dealers verges to the mild but still caustic side, taking the angle that with so many ships returning in ballast, a few drums of bergamot might, occasionally, be thrown aboard in Italy or Sicily without delaying the return of carriers of military stores. Others say: "This is not a 'business as usual' war."

Bois de Rose.—Stocks of manufacturing consumers have been liberally replaced by the arrival of long expected shipments of Brazilian oil. There is not too much oil afloat and unsold in local dealers' circles.

Cajeput.—The limited stocks were in strong hands and, for the most part, the market showed signs suggestive of a nominal situation in some directions.

Cedarleaf.—Higher ceilings might assure larger production, but the OPA still turns that matter over, failing to point the way for future activity by the producers.

Citronella.—Firm in most instances and free from contaminating competition that, eventually, might reduce the spot to a lower price level.

Clove.—Availability of oil has increased and ample stocks of raw material have been apparently assured. At least prices for oil have turned easier and last week were lower at $1.55 to $1.60 per pound.

Coriander.—Those interested in getting seed for distillation find the route to that end almost completely blocked by the failure of governments to assure and expedite shipments from known stocks in primary market.

Dill.—This is one of the few domestic oils about which little complaint is heard. The producers of most domestic oils still vocalize on the theme of higher ceilings. If dill oil makers have complaint, they are not complaints of a public character.

Eucalyptus.—Every attempt to get a larger amount of oil shipped here from the source seems to fail. Short rations are the rule here and to some extent prices appear to be almost nominal. Supplies are nominal in numerous directions.

Geranium.—That rich Madagascar, completely freed from usual Axis influences, fails so to negotiate as to assure export of its geranium oil is little short of surprising. There is also oil in North Africa that fails to reach here, although London quotes it at about $17 per pound.

Juniper. — Berry oil production should be resumed soon because collection of domestic berries has begun and should increase steadily during the months immediately ahead.

Lemon.—Even a few odd cases of Italian oil would be welcomed here with eager enthusiasm. And former sellers of Italian oil find it hard to understand why a few odd cases cannot be occasionally loaded on a returning military supply transport carrier without the least delay in the turn around at Italian or Sicilian ports. The fact is, however, that none is loaded.

Orange.—Demand was very fair and found no difficulty in getting all the oil needed. Less and less is being said about foreign competition, it being conceded that oil stocks in store abroad are subject to "going bad," an inevitable result of storage not especially adapted to long time holding.

Peppermint.—The most recent development is the proposal that an import duty of $2 per pound be imposed on this oil, this to protect domestic oil producers from foreign competition, which originates in Brazil and, according to a congressional representative of Michigan, largest peppermint producer in the Union, is produced mainly by Japanese. He also says the large manufacturing consumers have urged OPA to order higher ceilings for farmers, and that they have urged farmers to hold 1943 oil until higher ceilings are set. Details appear elsewhere, this issue. Practically every report obtained from farmers in the Middlewest have agreed on:—(1) the need for higher price ceilings if production is not to decrease further; (2) scarcity and high cost of labor; and (3) the need to offset acreage losses last year by new plantings of the weed-stricken areas of 1943. Of course, such reports could scarcely be called disinterested. Therefore, it is more than usually pleasant to print the opinion of a source with knowledge of the facts and total disinterest in any angle save that of real facts. The following is from such a source, under date of March 16:—

I have just returned from ——— ——— and we had just had two inches of rain which means that many of the fields are covered with water and it will be some time before they can be worked. On top of that, growers are still waiting to find out what the War Food Administration does with OPA's suggestion that the price be raised.

In the face of present labor prices, I doubt very much if the acreage will even get as high as that indicated for 1943. The current starting price for labor is now 60c. per hour and that is for Mexican help. Tractor drivers and other keymen are receiving as much as 75c. and 85c. an hour. This same labor we were hiring three or four years ago for 35c. to 45c. Very few growers will gamble on an increase in acreage when their labor costs are such as these.

Last year's unfortunate season left many of the fields with a lot of weeds. Some of the farmers will naturally try to clean these up this Spring, but if we should encounter another wet season it will be impossible to get these weeds out and many more acres will have to be abandoned before distilling time.

The picture is not bright at the present time. The only thing that can happen is an extremely favorable season so that high yields can be produced on the decreased acreage. I am not at all sure that any price that OPA might

For current prices see alphabetical listing beginning on page 9.

Magnus Means Reliability
Trouble some Odor Problem?
BLS may solve it as easy as ABC
BLS... magic letters to many a manufacturer faced with the problem of modifying, covering or disguising the objectionable odors of technical products.
BLS is short for PERFUME OIL BOUQUET B.L.S. MM&R but it goes a long way towards solving the problems of odor neutralizing at exceptionally low cost.
Let us tell you how BLS can provide the answer to troublesome odor problems as easy as ABC.
MAGNUS, MABEE & REYNARD, INC.
16 DESBROSSES STREET, NEW YORK CITY • 221 NORTH LASALLE STREET, CHICAGO
Los Angeles: BRAUN CORPORATION
San Francisco: BRAUN-KNECHT-HEIMANN CO.
Seattle, Portland, Spokane: VAN WALTERS & ROGERS
Toronto: RICHARDSON AGENCIES, LTD.
Common Economy Pointer

Today's Specials—

RESIN LABDANUM
RESIN OLIBANUM
RESIN OPOPONAX
RESIN STYRAX

GEORGE LUEDERS & CO.
427-429 WASHINGTON STREET, NEW YORK 13, N. Y.
Branches: Chicago, San Francisco, Montreal • *Factory:* Brooklyn

D. W. HUTCHINSON & CO., Inc.
IMPORT ESSENTIAL OILS EXPORT
162-164 Front Street Established 1896 New York City

Centflor Manufacturing Company
6 Varick Street
New York 13, N. Y.
Telephone: WAlker 5-6193
AROMATIC CHEMICALS
PERFUME COMPOUNDS
ESSENTIAL OILS
Samples on request.

CHICAGO DALLAS DENVER NEW ORLEANS SAN FRANCISCO SEATTLE
SUPREME AROMATICS
ESSENTIAL—FLAVORING—PERFUME
O I L S
LOS ANGELES MONTREAL TORONTO VANCOUVER WINNIPEG MEXICO CITY
FLORASYNTH LABORATORIES INC.

PURITY
UNIFORMITY
HIGHEST QUALITY
Eubange

You Can Place
SIX MONTHS' CONTRACTS
at these NEW, LOW PRICES!

Oil Orange Sweet USP XII California Coldpressed
. . . $1.50 per lb. in 25 lb. cans
Oil Orange Sweet California Distilled
. . . 75c per lb. in 25 lb. cans

FRITZSCHE BROTHERS, Inc.
PORT AUTHORITY COMMERCE BLDG., 76 NINTH AVENUE, NEW YORK, N. Y.
BRANCH STOCKS
BOSTON CHICAGO LOS ANGELES ST. LOUIS TORONTO, CANADA MEXICO, D. F.
FACTORIES AT CLIFTON, N. J. AND SEILLANS (VAR) FRANCE

make will greatly affect the acreage unless they do it very, very soon.

And in the face of such a situation, and with planting time merely a few weeks away, final price action by OPA remains a prospect and not a reality, although an order has been expected daily for several weeks.

SALES REPRESENTATIVE WANTED
For BOSTON and NEW ENGLAND STATES
Wanted by established firm of long standing in the
ESSENTIAL OIL AND AROMATIC CHEMICAL FIELD
with complete line of Flavors and Perfume Products
Write in care of Box No. 910, Oil, Paint and Drug Reporter.

BASIC PERFUME SPECIALTIES
COMPOUNDS • RAW MATERIALS
SCHIMMEL & CO., INC.
601 WEST 26th STREET NEW YORK 1, N. Y.

JAVONELLA
Perfect for Perfuming
LAUNDRY SOAPS • WASHING POWDERS
LIQUID CLEANSERS • POLISHES, etc.

EVEN when oil of citronella was low in price and easy to obtain, JAVONELLA was a reliable favorite. A great many manufacturers preferred its finer, cleaner odor, its uniform quality and consistent economy. And now that Citronella is high in price and difficult to get, JAVONELLA is more important than ever before.

Write for sample and quotation

FELTON CHEMICAL CO., INC.
599 JOHNSON AVE., B'KLYN, N. Y. • BRANCHES IN PRINCIPAL CITIES
MANUFACTURERS OF AROMATIC CHEMICALS, NATURAL DERIVATIVES, PERFUME AND FLAVOR OILS

Aromatic Chemicals

Benzaldehyde.—Complete allocation of this article for the purpose of making certain war needs will be met—and said needs are in the nature on a military secret—will make nonessential consumption almost impossible, in the belief of many former sellers.

Linalool. — Production based on South American petitgrain oil is said to be an article of excellent quality.

Linalyl Acetate. — Paraguay petitgrain oil has been available in sufficient quantities to assure an excellent output of this acetate, and the quality of the material is said to compare favorably with acetate made from various grades of rosewood or linaloe seed oil.

Menthol.—The Brazilian situation is as uncertain and as complex as ever. Until such time as the sale of spot goods is permitted at a price properly reflecting Brazilian prices, the uncertain and complex situation seems likely to continue. Some prices now being received from Brazil exceed substantially the supposed Brazilian ceiling.

Perfumers' Handbook Distributed by Fritzsche

Fritzsche Brothers, Inc., has compiled "A Perfumers' Handbook and Catalog." This 268-page book contains a wealth of information relating to essential oils, aromatic chemicals and perfumers' materials in general which cannot be found in any other single volume. It is in no sense the ordinary type of house catalog, but rather a guide and handbook fully indexed to provide a quick convenient source of information frequently needed by the perfumer and by the buyer of aromatic raw materials and compounds.

This book is being distributed with the compliments of Fritzsche Brothers, Inc., to perfume chemists and buyers of aromatic materials, within the United States and Canada, who have control or influence over the selection and purchase of such materials.

Mint Oil Price Boost

—Continued from page 5

crease the price of their products in order to insure a sufficient acreage of mint in 1944.

Within another month mintgrowers should be setting out new fields. Right now they should be ordering fertilizer for their fields, repairs for their mint stills and other machinery. Instead they are discouraged and have been attending meetings to decide on whether they should substitute other crops. At present they see in an unrestricted importation of mint oil from Brazil nothing but ruination for the United States mint industry and aid to the enemy—Japan. They feel that the Brazilian mint oil, which is coming in dutyfree, either comes from Japan or has been produced by Japanese in Brazil.

Besides demanding an immediate adjustment of ceiling prices by the OPA, Michigan and Indiana mintgrowers predict that unless a duty of $2 per pound is placed on Brazilian mint oil the industry in America will be destroyed.

Botanical Drugs

—Continued from page 56

definitely off the market for the time being at least. Which, properly interpreted, means that no poppy seed of any variety was offered in normal channels of supply.

Spices

Clove.—Offered plentifully for replacement and spot prices dropped to 17c. to 17½c. per pound.

Ginger.—Calicut root was a fraction lower at 24½c. to 25c. per pound. Jamaican prices on first quality root were still too high to permit buying for import here. The No. 3 quality, however, was down on spot to 24c. to 24½c. per pound.

Pepper.—Lack of entire satisfaction with the WFA and OPA disposal of the pepper problem noted. OPA announced on March 11 that it will not raise price ceilings. It is precisely the OPA position announced December 12, 1942.

MUSTARD FLOUR
ALL GRADES
USP
USP BROWN
Special for Mayonnaise
Old Dutch Mustard Co., Inc.
Manufacturers
70 METROPOLITAN AVE., BROOKLYN 11, N.Y.
Phone EVergreen 7-9156

POLAK & SCHWARZ
INCORPORATED
667 Washington St. New York 14, N.Y.
Phone: CHelsea 2-6525 Cable: Poschwa
ESSENTIAL OILS
FRUIT FLAVORS
PERFUME MATERIALS
AROMATIC CHEMICALS

HAVE YOUR PERFUMING PROBLEMS SOLVED BY
VAN AMERINGEN HAEBLER INC.
315 FOURTH AVENUE
NEW YORK N. Y.

Gum Tragacanth--- Gum Arabic
Importers
THURSTON & BRAIDICH, 286 Spring St., NEW YORK

M. Cortizas Company
IMPORTERS OF VANILLA BEANS ALL VARIETIES
1316 ARCH STREET PHILADELPHIA 7, PA.
CABLE ADDRESS—CALGICA · CODES: BENTLEYS SECOND PHRASE & PRIVATE

GUMS ARABIC KARAYA TRAGACANTH
QUINCE SEED
GALL NUTS
D. S. DALLAL, 261 Fifth Avenue, New York, 16
IMPORT MUrray Hill 3-0452-0453 EXPORT

VANILLA BEANS
ZINK & TRIEST CO.
15 LOMBARD ST. PHILADELPHIA 47, PA.

Petroleum Derivatives

Only a slight further easing of the tension in civilian supplies of kerosene, fuel oil, gasoline and liquefied petroleum gases on the Atlantic seaboard has occurred within the past week.

It had appeared likely in the previous week that the movement of fuel oil as well as of gasoline from the Southwest to the East coast would be amplified by increasing operation of the "Little Inch" pipeline, to the point whereat adequate stocks would soon be made available for meeting the urgent requirements of the seventeen Eastern states, without counting heavily upon a greatly expanded conveyance of these derivatives through a more liberal assignment of tankcars for this purpose.

But this relief from the near-famine in heating oils hitherto prevailing on the Atlantic coast has not been carried as far as originally expected by improvement in transportation facilities. The quantities of fuel oil and gasoline transported by the refined products pipeline have been comparatively small of late, because of its frequent shutdowns, albeit they have aggregated since the inception of its runs approximately 2,000,000 barrels of heating oil delivered to New Jersey refineries.

The chief factor in such amelioration of the situation as has occurred to date has been the recent letdown in the hitherto frigid temperatures in the northernmost reaches of the East coast which has lessened the need for and absorption of all supplies as soon as they have become available.

While the production of crude petroleum continues at an extremely high level and the Petroleum Administrator is calling for a record-breaking output of 4,725,000 barrels a day for April, refiners in the Midwest cannot obtain sufficient amounts of crude oil to keep their operations up to capacity. These plants already show idle capacity amounting to 218,000 barrels daily and fear that they will be forced to shut down additional facilities, unless some of the extensive flow of crude oil eastward through the "Big Inch" pipeline, which is now bypassing them, is diverted to their uses. Moderately increased crude oil supplies have recently been promised for these Midwest refiners but when they will materialize remains to be seen.

Solvents and Diluents

Aromatic Solvents.—A brisk demand continues for both the allocated and unallocated grades of these high solvency aromatic naphthas, with processors able to meet requirements fairly promptly, although still hampered by difficulty in obtaining the services of enough tankcars. Aliphatics, requiring individual licenses for shipments after April 1, are also in unabated request.

Cleaners' Naphtha.—Moving increasingly into military and civilian channels. Market firm.

Lacquer Diluent.—Sizable purchases continue to be made by the paint industry. Tone strong.

Mineral Spirit.—In steady demand with prices well maintained.

Rubber Solvent.—Being bought on a constantly expanding scale by the synthetic rubber makers. Prices firmly held.

Stoddard Solvent.—Buying for military account shows gradual waning, but civilian takings are growing larger daily and some difficulty is being experienced by suppliers, especially those in the Midwest, in meeting all non-military needs. Market very strong.

V. M. & P. Naphtha.—Shipments to the paint trade continue to grow, although war production interests are no longer obtaining the bulk of offerings.

Markets at Other Centers

Chicago, March 24.—Demand in the solvents and diluents market in this area is still reflecting heavy special war requirements, despite some evidence of increasing irregularity in the overall war needs picture.

Los Angeles, March 24.—While authorized receivers of certain solvents and diluents are having their needs met for the most part, producers are quite frank to admit the situation is getting more serious every day, especially in some of the unallocated products. Paint thinners are in particular call at the moment.

Market Trends

Prices Advanced

Gasoline, 70-72 octane, leaded, tanks, West Pa., ¼c. per gal.

Prices Reduced

None

Lighter Fractions

Butane.—Consumers of this liquefied gas for home heating purposes are still finding it hard to obtain more than a meager supply, because of absorption of the lion's share by makers of aviation gasoline and synthetic rubber. Tone strong.

Heptane.—Continues to move in increasing volume. Market steady.

Hexane.—In steadily mounting request. Prices well maintained.

Octanes.—A swelling purchasing movement is noted in these gases. Tone steady.

Pentanes.—In keen demand. Market firm.

Propane.—Conditions in the market for this lighter hydrocarbon remain exactly similar to those prevailing in butane. Prices unchanged.

Petrolatums and Waxes

Amorphous Waxes.—Being taken in a steadily increasing volume. Tone steady.

Paraffin.—Low melting points of refined wax continue in scanty supply, although there is plenty of crude scale and sizable quantities of the high melting points are still available. Market very strong.

Petrolatums.—U.S.P., veterinarian and technical grades are still moving steadily into consuming channels, with prices firmly maintained. Tone firm.

White Mineral Oils.—In fair request with volume of sales steadily mounting. Market stable.

Fuels and Lubricants

Crude Petroleum.—A further expansion of the daily rate of production is shown in the daily average output for the week ended March 18, which has amounted to 4,385,275 barrels, or 4,100 barrels in excess of the daily average for the previous week. PAW has recommended for April a record-breaking daily average of 4,725,000 barrels, which, if realized, would be 79,100 barrels over the amended March recommendation.

The Shell Oil Company has posted a new price schedule for crude oil produced in the Gibson pool of coastal Louisiana, retroactive to February 1, which shows no change in the prices hitherto prevailing for oil in the South Houma and West Lake Verret pools, in which the Gibson pool was formerly included.

Fuel Oil.—Without in any way affecting prices of kerosene and fuel oils at the refineries, OPA has established specific ceiling prices for truck-delivered kerosene, No. 1 fuel oil and range oil, sold in the five boroughs of New York City in quantities of less than 50 gallons, at 12.8c. per gallon, which represents an increase of 2½c. per gallon on deliveries of from 25 to 49 gallons, and has also fixed prices on these same heating oils, delivered by truck in quantities of 50 gallons or more, at 10.3c. per gallon. Previously, the 12.8c. ceiling applied to deliveries of less than 25 gallons and the 10.3c. figure to deliveries of 25 gallons or more. These changes have been brought about by amendments to MPR 88 and RMPR 137 and are effective March 27.

Refiners in the Midwest have been asked by PAW to step up their production of diesel oil for military requirements.

Gasoline.—Refiners in Western Pennsylvania have advanced their prices for 70-72 octane gasoline by a quarter cent to a new range of 8¼c.-8½c. per gallon. The demand for low octane gasoline, for use in operating tractors in Spring planting operations, is already beginning to reach large proportions in the Middle West, and suppliers are experiencing great difficulty in meeting all these farm needs.

Lubricating Oils.—A brisk movement of both bright stock and neutral oils is noted. The ASTM standard method of test for the dropping point of lubricating grease has recently been approved by the American Standards Association. This standard covers the definition of the dropping point, the apparatus required for the test, and the procedure to be followed.

Petroleum Supply Group for Midwest Name

OPD Washington Bureau

The Petroleum Administration for War has formally assigned the duties of the former Supply and Distribution Committee for the Midwestern States to a new industry Supply and Transportation Committee. This committee will advise PAW on the most efficient methods of meeting problems of petroleum supply and transportation in that section of the country. E. G. Seubert of Chicago and B. L. Majewski of Algonquin, Ill., are chairmen of the committee.

Ill. Oil Production Tax Held Invalid

Illinois State Supreme Court has ruled that the 3 percent oil production tax is invalid. The law, under which $9,500,000 has been paid into the State Treasury under protest since July, 1941, was held invalid on the basis that it lacked uniformity in its application.

Controlled Specialties
petrolatums and white oils
CERESINES, WHITE AND YELLOW
RUST PREVENTIVES
From the Refinery of
SHERWOOD
REFINING COMPANY, INC.
ENGLEWOOD, N. J.
Refinery, WARREN, PA.
Englewood, New Jersey

PETROLATUM • WHITE OILS
For highest quality specify
Penn-Drake
PENNSYLVANIA REFINING COMPANY
Representatives and Stocks in Principal Cities
BUTLER, PA.

ALUMINUM CHLORIDE
ANHYDROUS
PHOSGENE
(CARBONYL CHLORIDE
NIAGARA CHLORINE PRODUCTS CO.
LOCKPORT, NEW YORK

TURNER
Chemicals
CAUSTIC SODA
ALUMINUM STEARATE
ZINC STEARATE
JOSEPH TURNER & CO.
RIDGEFIELD, NEW JERSEY
83 Exchange Place, Providence, R. I.
40th St. & Calumet Ave., Chicago 15, Ill.

For current prices see alphabetical listing beginning on page 9.

ALLIES DEMAND MORE PRODUCTION

Gear Up Quickly With *Ready* FMC Equipment

GLASS LINED EQUIPMENT

1—3,000 gal. Jacketed Glass Lined Vacuum Still.
2—750 gal. Jacketed Tanks 5' x 5'6" (one with agitating brine coil).
32—Glass Lined Jacketed and Unjacketed Tanks from 600 gal. to 15 gal.

VACUUM SHELF DRYERS

Devine 16 Shelf 52" x 79" with acc.
Devine 11 Shelf 59" x 104".
Devine 20 Shelf 59" x 104" with acc.

PROCESSING

2—Louisville Steam Tube Dryers 6'x35'. 2—Coolers 6'x25'.
2—Devine Rotary Dryers; 3'x25'; 5'x30'.
1—Devine Vacuum Fumigator 6'4"x15'.
2—Rotex Sifters: 40"x84"; 54"x120".
4—Colloid Mills; Premier, Eppenbach-Charlotte.
1—Heavy Duty American Drum Hoist.
2—Alberger surface Condensers; ea. 1,520 sq. ft.
2—Buffalo 6' Crystallizers or Pans.

MILLS - GRINDERS

1—Mikro No. 4—24" Pulverizer.
1—Williams, Size 20 Hammer mill, large cap.
1—Hardinge 8'x22" Steel Ball Mill.
3—Ross-Kent 3 Roll Mills; 12x30; 16x40.
1—Acme Jaw Crusher; Jaws 16x19.
Other Mills by Mead, Raymond, Straub, Schutz, O'Neill, Sprout-Waldron, Etc.

KETTLES - TANKS

73—Steam Jacketed Kettles in Copper, Iron, Steel, Monel Glass Lined and Stainless, up to 750 gal.
4—Jacketed, Agitated 1,000-gal. Vac. Cookers.
2—Jacketed, Agitated 500-gal. Process Units.
8—Vertical Copper Storage Tanks, 1,000 gal.
14—Steel Storage Tanks, 500 gal. to 15,000 gal.
6—Copper Vac. Pans. JKTD, Coiled up to 350 gal.
3—Dopp Cast Iron Kettles with agit., 150-300 gal.

MIXERS

9—Dry Powder Mixers, 100 to 3,000 lbs.
3—JKTD Heavy Duty Mixers, 50 cu. ft.
12—Pony and Change Can Mixers.
7—Mass Mixers: JKTD & Unjktd, up to 4 BBL.
1—Abbe Lenart 55-gal. No. 4 mixer.
6—Hobart 80 qt. 4 speed Mixers.
68—Portable Agitators, ¼ to 5 H.P.
1—W & P, 250 Gal. Double Arm Mixer.

Send for Latest Bulletin

FIRST MACHINERY CORP.
EAST 9th STREET AND EAST RIVER DRIVE
NEW YORK 9, NEW YORK

Business Wants and Offers

RATES PER INSERTION—PAYABLE IN ADVANCE

Help Wanted and Positions Sought—Minimum $2.00, thirty-six words or less; 35c for each additional six words.

All Other Classified Advertisements—$5.00 thirty-six words or less; 85c for each additional six words or fraction.

Agencies Wanted

SALES AGENT, with New York office, desires to represent out-of-town firms, manufacturing chemicals, etc., in eastern States. Long, proven sales record. Commission basis exclusively. Draft exempt, age 42. BOX 904, Oil, Paint and Drug Reporter.

Equipment Offered

FOR SALE—One Raymond five-roll high side mill with whizzer, cone separator, tubular collector, fan and connecting ducts, reasonably priced for immediate sale. BOX 932, Oil, Paint and Drug Reporter.

Equipment Wanted

WANTED—Our expansion program requires additional equipment. We need iron and wood filter presses, jacketed kettles, mixer, pulverizer, dryer, etc. No dealers. Send your offerings to BOX 901, Oil, Paint and Drug Reporter.

BURT WRAPPER wanted, large enough for 11¼-inch diameter by 17-inch. Bennett Mfg. Co., 14600 Princeton avenue, Chicago 27, Illinois.

Factory Wanted

SMALL PAINT or varnish factory wanted to purchase or rent, in metropolitan area; would also consider sharing premises with present owner. Please write to BOX 933, Oil, Paint and Drug Reporter.

Materials Wanted

DO NOT wait until conditions further limit prospects of disposing of top-heavy inventories. Will purchase surplus unshipped commodities all kinds. Particularly interested gums, waxes, spices, botanicals, oils, greases, pharmaceuticals, chemicals. BOX 900, Oil, Paint and Drug Reporter.

TO MANUFACTURERS and jobbers—Are you overstocked? We require immediately large or small lots, many items, chemicals, pharmaceuticals, solvents, aromatics, waxes, other supplies. Submit offerings at once. Correspondence treated confidentially. BOX 909, Oil, Paint and Drug Reporter.

BUY WAR BONDS

GOT AN "E" FLAG?

"CONSOLIDATED" helps you win them!

JUST PURCHASED

For Immediate Shipment from Plant

Large lot of Machinery from the plant of NATIONAL SUGAR REFINING CO. at EDGEWATER, N. J.—Principal items:

40—Centrifugals, 40" dia. bronze and steel baskets, flat bottoms with unloaders, and self discharging—American Tool, Roberts & Hepworth—AC motor driven, DC motor driven, belt driven.
7—Sweetland Filters, No. 12, each with 72 leaves, copper and iron.
9—Vacuum Pans, 10' to 14', cast iron and copper, with all accessories.
8—Union Special Bag Sewing Machines, with Conveyors and Motors, for cotton bags up to 10 lbs.
Miscellaneous—Filter Presses, Rotary Granulators, Crystallizers, Pumps, Grinders, Screens, Conveyors, etc.

WIRE - PHONE - WRITE

Liquidation

Equipment of a Grease Plant
554 S. Front St., Elizabeth, N.J.

6—Vertical Steel Tanks, up to 5000 gal.; 2—Open Steel Agitated Tanks, 3000 gal. and 1650 gal.; 3—Rectangular Steel Tanks, 2400, 3700, 6000 gal.; 2—Steel Jack. Agit. Kettle, 900 and 2400 gal.

Ask for Details

1—500 gal. nickel clad closed agitated TANK.
3—ROLLER MILLS, 6' x 14", 12 x 30, 16 x 40 water cooled.
1—Mitts & Merrill No. 3CR HOG.
2—K. K. 18-spout Rotary Gravity hand FILLERS.
1—Pneumatic Scale straight line BOTTLE CLEANER
4—150 gal. aluminum TANKS, cone bottom.
2—Elgin 12-spout ROTARY PISTON FILLER GERMAN SILVER CONTACT PARTS.
1—Victoria No. 50 Peeler, D. C. Motor.
1—Colton Oscillating GRANULATOR No. 1, m.d.
1—Stokes No. 21 GRANULATING MIXER, 50 lb., belt driven.
4—Granberg LIQUID METERS.
2—Colton JAR FILLERS.
2—Colton hand TUBE FILLERS and CLOSERS.
2—Jones Automatic CARTONERS.
2—Anderson PACKAGING UNITS.
1—K. K. 18-spout Rotary Vac. FILLER.
1—O. and J. Rotary LABELER, m. d.
1—Pneumatic 6-head rotary CAPPER, complete with automatic Feeder.
1—C. C. & S. 7-head Jumbo CROWNER.

Special Items from Stock

EXPELLERS

6—Anderson No. 1 OIL EXPELLERS, with feeders, tempering apparatus, 15 HP AC motors—rebuilt.

2—70" x 30' RUGGLES COLES DIRECT HEAT ROTARY DRYERS, Type A-9.
1—P & S. 9-Truck ATMOSPHERIC DRYER, 1,562 sq. ft. tray surface.
1—Proctor & Schwartz 5-section, 27-truck Atmospheric DRYER, excellent condition.
2—PEBBLE MILLS, 1—4' x 4' Burrstone Lined; 1—32" x 42" Rubber Lined; 4—30 gal. porcelain lined. Other Sizes.
3—CRUSHING ROLLS, 40 x 16" Colorado Iron Works; 36" x 16" Sturtevant.
6—DRY POWDER MIXERS, various sizes.
2—W. & P. MIXERS, sizes 21-X-BB jacketed 625 gal.: 1—size 15, 100 gal. jacketed: 1—size 14, 50 gal. jacketed; other sizes
2—4'x8' Iron OLIVER CONTINUOUS FILTERS; 1—Iron 5'x4'.
7—HEAT EXCHANGERS, 50 to 1600 sq. ft. heating surfaces; 5 copper, 2 steel tubes.
6—RAYMOND PULVERIZERS, 4-Roll Low Side, No. 3, No. 1, No. 0000.
1—Day No. 30 Imperial Jack. MIXER, 75 gal.
1—Schaeffer size 14 POIDOMETER.
3—2" Williey SAND PUMPS.
10—RUBBER LINED Rectangular TANKS; 7—500-gal.; 2—200 gal.; 1—150 gal.
1—5' x 12' Vacuum DRUM DRYER, Buffalo Foundry complete with accessories.
10—ROTARY VACUUM DRYERS; 3—Buffalo 5'x20'; 3—Devine 4'x25'; 1—Devine 4'x30'; 1—Struthers Wells 36" x 12'.
3—ATMOSPHERIC DRUM DRYERS 4' x 12'.

ROLLER MILL

1—Day 5-roll, high speed ROLLER MILL, 12"x32", with roller bearings and motor drive.

1—Buffalo Vac. 32" x 72" ATMOSPHERIC DOUBLE DRUM DRYER, m.d. complete.
1—Buflovac 32" x 90" ATMOSPHERIC DOUBLE DRUM DRYER, complete.
1—RBF 28" x 60" Atmo. double drum DRYER, complete MD.
3—Buflovak 6' dia. Jack. Vacuum CRYSTALLIZERS or VACUUM PAN DRYERS.
29—CENTRIFUGAL EXTRACTORS, 12" to 72" bronze and steel baskets, belt and motor drives.
1—PNEUM. SCALE CARTON PACKAGING UNIT.
2—Batteries of two each TYLER HUMMER SCREENS 4'x5', single deck, other sizes
9—Direct heat ROTARY DRYERS 4' x 30', 5' x 30', 70" x 30'.
1—Buffalo cast iron jacketed 125 gal. AUTOCLAVE.
1—No. 10 SWEETLAND FILTER, 27 leaves, 4" C.C.; 1—No. 7, 27 copper leaves, 3" C.C.
1—36' dia. Cast Iron COLUMN, 23" high.
1—355 c.f.m. AIR COMPRESSOR, with A. C. Motor.
1—Devine duplex VACUUM PUMP 16 x 16 x 12.
2—STOKES steam heated WATER STILLS, 5, 10 gal. per hour.
1—Day 5-gal. ocketed MOGUL MIXER.
9—Hardinge BALL MILLS, 3' x 8", 3' x 36", 4' 6" x 24" with classifier, 6' x 36"; also 6' x 12' Rod Mill.
5—ROTARY KILNS, 4' x 30', 5' x 50', 6' x 60', 8' x 125', 8' x 135'.
2—BELT CONVEYORS, 30" x 130', 16" x 65'.
3—Dracco Perfecto Type AAA DUST COLLECTORS
1—Devine horiz. jack. VULCANIZER, 5' x 11'
1—Abbe Blutergess No. 2 SIFTER
2—Gen. Ceramic 40" dia. x 15' high ABSORPTION TOWERS.

KETTLES

1—Steel steam jack. 1100 gal.
2—Aluminum, jacketed agit. 350 and 275 gal.
2—Stainless steel, jacketed agit. 200 gal.
1—Copper, jacketed 500 gal.
2—Steel, jack. agit. Autoclave.
1—Aluminum, open, jacketed 110 gal., 5-20 gal.
1—Monel, jacketed agit. 125 gal.
2—Glass lined jacketed Evaporating Pans or Crystalizers, 10' dia.
5—Steel, closed Tanks or Stills, copper coil, 600 gal.
1—Cast iron jacketed agit. closed Kettle, 400.
3—Copper jacketed agit. closed kettles, 325 gal.
20—Jacketed Kettles, 20 gal. to 2000 gal.

WANTED: Idle Machines

Single Items or Complete Plants.

You can help War Production by sending us your list.

We Buy and Sell From a Single Item to a Complete Plant

CONSOLIDATED PRODUCTS CO., INC.

13-18 Park Row
New York 7, N. Y.

FOR OVER 25 YEARS A SYMBOL OF CONFIDENCE

Shops: 335 Doremus Ave.
Newark 5, N. J.

LIQUIDATION!

National Sugar Refining Co.

Edgewater, N. J.

2—Hepworth 48" motor driven Suspended Type Centrifugals, bottom discharge, with 50/13 HP 2 speed AC motors, with 100 HP 1200 RPM AC motors.

20—40" motor driven Centrifugals, bottom discharge, AC and DC motors.

3—Hersey Rotary Dryers, 6' dia. x 30' long, with fans, heating coils, drives and motors.

5—Hersey Rotary Coolers, 5' dia. x 30' long.

1—Copper Rotary Granulator or Dryer, 70" dia. x 17' long.

1—Louisville Continuous Filter 24" copper belt, 8 rolls.

9—Rectangular Steel Tanks, 8' wide x 12' long x 7' deep.

3—Rectangular Steel Tanks, 12' wide x 19'6" long x 8' deep.

5—10' to 14' dia. Cast Iron Coil and Calandria Vacuum Pans.

IN STOCK!

2—Solvent Recovery Stills with steel columns, condensers and receivers, 330 and 500 gal.

3—650 gal. Steel Jacketed, Agitated Kettles, with condensers.

4—Steel Storage Tanks, 8,500, 10,000, 15,000 gal., ¼" ⅜" and ½"

1—300 gal. Steel Nitrating Kettle, jacketed, agitated.

5—Portable Agitators, ¼ to 2 HP.

1—30" Suspended Centrifugal, bottom discharge, direct motor driven.

1—Devine Vacuum Pump, 10"x10" 2 stage, with 20 HP AC motor.

10—Pebble Mills, 30 to 200 gal.

2—Marcy No. 64½ Ball Mills.

3—Dorr Thickeners, 10' to 20' dia.

3—Howe Barrel & Bag Packers.

3—Water cooled Roller Mills, 9"x24", 12"x30", 16"x40".

1—Robinson 30" Motor Driven Attrition Mill, 2—40 HP motors.

1—Shriver Diaphragm Pump, 45 gpm, motor driven.

3—Kilby 32"x32" Plate and Frame Presses, 45 chambers, 1" cake

3—Oliver Rotary Filters, 8'x8', 5'x9', 8'x3½', Wood and Steel.

10—Heat Exchangers, 175 to 2,000 ft

1—Devine Surface Condenser, 260 sq. ft.

1—Buflovak 5'x10' Rotary Vacuum Dryer with Condenser.

1—Buffalo 5'x6' Atm. Drum Dryer

1—Buflovak 24"x20" Single Drum Vacuum Dryer.

1—Vulcan 6'x42' Rotary Dryer.

1—9"x14" Jaw Crusher.

2—Buflovak 6' dia. Crystallizers

1—W. & P. Mixer, 9 gal., all bronze.

1—W. & P. ½ gal. Jacketed Mixer.

1—W. & P. Mixer, jacketed, 100 gal., vacuum type.

1—Day No. 30 Imperial Jacketed Mixer, 75 gal.

5—Pony Mixers, 2½ to 40 gal.

3—Raymond Mills, No. 0000, 00.

2—Jeffrey Hammer Mills, 36"x24", 24"x18".

6—Tyler, Rotex Screens.

1—Elyria 350 gal. Glass Lined Jacketed Kettle.

1—Portable Elevator, 1800 lb., 9' lift.

50—Centrifugal, Rotary and Vacuum Pumps.

15—Copper Kettles, 20 to 100 gal.

2—Scott Closed, Steel Jacketed Kettles or Cookers, 1200 gal.

18—Tolhurst 20", 32", 40", 48" Centrifugals, copper, steel baskets

2—American Tool 40" bottom discharge Centrifugals.

3—Sharples No. 6 Centrifuges.

2—50 gal. Copper Vacuum Pans.

1—Copper Jacketed, Agitated Kettle, 600 gal.

2—Buflovak, Devine Jacketed Kettles, 300 and 600 gal.

1—Copper Tank, 6'x6', 1250 gal

2—Lead Lined Tanks, 1700 gal., closed, vacuum type.

Over 1000 other items in stock. Send us your inquiries for prompt attention. We specialize in disposing of your surplus equipment. Send Lists.

BRILL Equipment Co.
183 VARICK STREET NEW YORK

Materials Wanted

WILL PURCHASE your surplus and discontinued chemicals, drugs, oils, waxes, dyes, solvents, etc., and will pay highest cash prices for same. Thoroughly familiar with WPB regulations. Will make immediate offer. Write fully. BOX 902, Oil, Paint and Drug Reporter.

Positions Wanted

CHEMIST and engineer, graduate, American, married, age 35, draft deferred. Over twelve years extensive industrial experience. Brilliant achievement record. Formerly associated chemical research and production capacity with nationally known organization. Currently engaged essential non-industrial war research for duration. Complete coverage all phases of entire chemical specialty field including polishes, wax substitutes, synthetic amine disinfectants, industrial protective creams, soaps and detergents, also many special war chemical products. Desires connection with a progressive chemical company with vision capable of manufacturing, financing and selling premium chemical products both currently and post-war. Current association to be on advisory basis with provision for permanent connection after duration. BOX 929, Oil, Paint and Drug Reporter.

1—3 Roll High Side Raymond Mill, Belt Driven, complete with Cone Separator, Fan, Cyclone Dust Collector and Piping.

1—Raymond No. 10 Imp Mill, complete.
3—No. 0000 and No. 0 Raymond Mills.
6—Autoclaves, 200 to 1500 gals.
12—Vertical, jacketed, agitated Kettles, up to 1600 gals
1—Procter Automatic Conveyor Dryer.
5—20, 35 and 150 gal. Closed Agitated Jacketed Copper Kettles.
4—Ball & Jewell, Rotary Cutters.
2—Alsop Vac. Bottle Fillers, M.D.
3—Homogenizers, 5 HP, 7½ HP, and 10 HP.
2—400 Ton Buckeye Hydr. Oil Presses, 16" Ram.
1—Oliver Rotary Filter, 6'x6'.
1—25 gal. Ross Double Arm Heavy Duty Tilting Mixer.
1—50 gal. Day Type Double Arm Jack., Heavy Duty Tilting Mixer.
1—Faust 150 gal. Jack. Spiral Mixer.
2—75 and 1500 gal. lead lined closed Kettles.
1—Schutz-ONeill No. 2 Gyrator Sifter.
2—Robinson 20" M.D. Attrition Mills.
1—Howe Barrel & Bag Packer.
2—4000 gal. Vert. Acid Proof Tanks.
4—Iron & Wood Filter Presses 8", 12", 24", 27" & 30".
4—Watson-Stillman Hydr. Pumps.
1—Nash No. 3 Vacuum Pump.
1—No. 2 Oliver 14"x8" Duplex Vacuum Pump.
1—Penn. Vac. Pump, 14"x5".
2—Worthington 12"x12"x12" Vacuum Pumps.
1—DeLaval No. 600 Multiple Clarifier, motor driven.
2—Ross 8 & 15 gal. Pony Mixers.
2—5 Roll water cooled 16"x40" Steel Roller Mills.
2—Ross 3 Roll Mills, 12"x30"; and 16"x40".
3—Double Stand Steel 4 Roller Mills, 7"x18", 7½"x20", and 7½"x30" Rolls.
10—Pebble and Jar Mills, Lab. to 200 gal.
1—Tolhurst 40" Centrifugal.
8—Stone Mills, 10" to 32".
8—Lead and Paste Mixers, 50 to 135 gals.
5—Varnish Kettles, 100 to 200 gals.
6—Horiz. and Vert. Mixers, up to 500 gals.
10—Glass Lined and Steel Tanks up to 4000 gals.
1—Schutz-O'Neill No. 1 Sugar Pulverizer.
2—Schutz-O'Neill 16" and 20" Pulverizers.
2—Double-Roll Crushers.
1—Williams No. 3 Regular Type Hammer Mill.
10—Electric Agitators, ¼ to 3 HP.
20—Rotary, Centrif. and Triplex Pumps.

Only Partial Listings
Write for Complete Bulletins
We Buy Your Surplus Machinery

STEIN EQUIPMENT COMPANY
Department E
428 BROOME ST., NEW YORK 13, N. Y.

Positions Wanted

CHEMIST with linseed oil substitute, latex substitute made from scrap rubber, plasticizer for same, specialties on acetate colors line. Capable researcher on synthetic rubber, wants first class connection. BOX 916, Oil, Paint and Drug Reporter.

SALESMAN of extensive experience in drug, chemical, cosmetic, oil soap field (soap chemist), with established trade; many active accounts; knowledge of sales psychology merchandising. Experience handling new products; dependable. Your confidence guaranteed. BOX 930, Oil, Paint and Drug Reporter.

CHEMIST, experienced in all phases of penicillin production, desires position with an organization working or interested in this or in allied fields. BOX 923, Oil, Paint and Drug Reporter.

FOR SALE

Stokes 18"x12" Vacuum Shelf Dryer.
Buffalo Vacuum Drum Dryer, 24"x20".
Devine Vacuum Drum Dryer, 40"x60".
Shriver 12" Lead Plate and Frame Filter Press.
Oliver Continuous Rotary Filter, 8'x8'.
Oliver 18" Wood Plate and Frame Filter Press.
Tolhurst 40" Centrifuges.

MACHINERY & EQUIPMENT CORPORATION (of N. Y.)
59 East 4th Street, New York 3, N.Y

Win the Battle Over Production Delays with Union Rebuilt Guaranteed Equipment!

UNION Rebuilt Machinery Established 1912

IN STOCK . . READY FOR IMMEDIATE DELIVERY! ALL OFFERINGS SUBJECT PRIOR SALE!

Wire Collect for Prices and Details!

2—Day three-roll Roller Mills, 16"x40" horizontal type with roller bearings, direct motor drive.
2—Kent three-roll Roller Mills, 16"x40" horizontal type motor drive.
1—National five-roll Roller Mill, with steel water-chilled Rollers, 16"x40".
1—National three-roll Roller Mill equipped with 16"x40" water cooled chilled steel rollers.
1—Lehman 16"x40" three-roll Roller Mill with water-cooled rollers.
1—Werner & Pfleiderer 2,500 gallon capacity double arm steam-jacketed Mixing Tank.
1—Single action steam jacketed Mixer equipped with two 4" outlets; 900 gal. capacity.
1—Stokes 400 gallon capacity single arm Mixer, direct motor driven.
1—Reed 150 gallon capacity single and double arm Mixer.
1—Day single and double arm 100 gallon capacity jacketed Mixer. Cast-iron jacketed Kettles, 40-50-75 gallon capacity.

WE PAY CASH FOR SINGLE MACHINES OR ENTIRE PLANTS

Union Standard Equipment Co.
318-322 Lafayette Street
New York 12, N. Y.

Positions Vacant

CHEMIST WANTED. Directed to an ambitious young man who wants an unlimited opportunity and realizes he must work for it. Progressive manufacturer paints, plastics, waxes on war work, planning for post-war: Offers an opportunity that is outstanding. Write us in detail and confidence. BOX 892, Oil, Paint and Drug Reporter.

EXPORT MAN, draft exempt, experienced in chemical export business; good correspondent. BOX 928, Oil, Paint and Drug Reporter.

—Continued on page 62

PEBBLE MILL

SIZE
36" DIA. x 42" LONG
BUHRSTONE LINING
COMPLETE
WITH COVERS, STANDS
TIGHT AND LOOSE
PULLEYS
CAPACITY 100 GALS.

EMSCO EQUIPMENT COMPANY
EMIL A. SCHROTH, Owner
41 HYATT AVE., NEWARK 5, N.J.
Phone: Mitchell 2-3536

Mills, Dryers, Kilns, Crushers, Air Compressors, Boilers, Engines, Generators, Motors, etc. Liquidating, Machinery, Plant, Supplies, Land and 24 Steel Buildings formerly belonging to VULCANITE PORTLAND CEMENT CO., Alpha, N. J., 3 miles from Easton, Pa.

BUCKET ELEVATORS

Thousands of feet of bucket elevators, all sizes of buckets, mostly all steel encased.

With—844; 103; 132 chain from 12' to 60' heights.
NEW BUCKETS AND GEARS

STEEL SCREW CONVEYORS

6" — 7½" — 8" — 10" — 12" — 14" — 16" — 18" and 20" in Steel Box. Over 10,000 ft., all lengths.

STEEL BINS

Steel Plate Storage Bins that can be reassembled—Order at once. 58 Bins in Various Capacities and Sizes.

STEEL BALLS
80 Ton Steel Balls, ½" to 5".

Write direct to Plant office. P.O.B. 188, Easton, Pa.

HEAT and POWER CO.
45 Bond Street
NEW YORK 12, N.Y.

Sell your surplus to us NOW while conditions are still favorable. We supply a world wide foreign clientele.

WE BUY SURPLUS CHEMICALS IN LARGE QUANTITIES

Solvents, Minerals, Chemicals, Colors, Metals, Gums, Oils, Glues, Waxes, Pharmaceuticals, etc.

CHEMICAL SURPLUS & SALVAGE COMPANY
94 Beekman St., New York 7, N. Y. REctor 2-9816

OPD—3-27-1944

Scientific and Professional Services

ALEXANDER, JEROME
Consulting Chemist and Chemical Engineer
Especial experience in colloid chemistry and its applications. Representation for Patents, Processes, Products and Apparatus. Research Advice, Investigations, Expert Testimony.
80 East 41st Street — New York City
Member:—Association of Consulting Chemists and Chemical Engineers

ASSOCIATION OF CONSULTING CHEMISTS AND CHEMICAL ENGINEERS, Inc.
A Clearing House for Consultants
The membership, located from coast to coast, comprises specialists in all fields.
For Consultants Address the Association
50 EAST 41st STREET — NEW YORK 17, N. Y.
Room 82 — LExington 2-1430

J. BARAB
Consulting Chemical Engineer
PRODUCTS — PROCESSES — USES
Special Experience in Developing and Adapting Procedures For IMPROVED EFFICIENCY — QUALITY CONTROL
299 MADISON AVE. — Phone: MU 2-5022 — NEW YORK 17, N. Y.

Philip B. Hawk, Ph.D., Pres. — Bernard L. Oser, Ph.D., Dir.
FOOD RESEARCH LABORATORIES, INC.
48-14—53rd Street, Long Island City, N. Y.
Research — Consultation — Testimony
FOODS — DRUGS — COSMETICS
SPECIALIST IN VITAMINS
Members Association of Consulting Chemists and Chemical Engineers
Write for "Science at Your Service"

HORACE J. HALLOWELL
CONSULTING CHEMIST
Analyses - - Reports - - Investigations - - Research
Drugs - Cosmetics - Pharmaceuticals
Minerals - Alloys - Beverages - Soils
FORMULAS DEVELOPED
323 Main Street — Danbury, Conn.

Charles H. LaWall—1871-1937 — Joseph W. E. Harrisson
LaWALL and HARRISSON
Pharmaceutical and Chemical Research. Biological Assays. Pharmacological Studies in association with Clinical Tests. Routine Drug and Food Control.
1921 Walnut Street — Philadelphia 3, Pa.

LEBERCO LABORATORIES
Consulting Chemists and Biologists
36 ROOSEVELT AVENUE — BLOOMFIELD, N. J.
Assays (Biological, Chemical):—Vitamins, Hormones, Drugs, Toxicity Tests—Research—Bacteriology—Nutritional Studies—Consultation
We are eager to have your firm as one of our clientele and would be very glad to hear from you on any matter which requires the services of an independent, reputable firm.
An Independent Laboratory to meet the Needs of Your Organization

Est. 1866
W. S. PURDY COMPANY, Inc.
TESTING AND CONSULTING LABORATORIES
PETROLEUM — FUELS — ASPHALTS — COAL
WAXES — GREASES — FATS — COSMETICS
PAINTS — SOAPS — TEXTILES
120 Water Street, New York — HAnover 2-3772

SADTLER, SAMUEL P., & SON, Inc.
RESEARCH AND ANALYTICAL CHEMISTS
Many chemical services are rendered to chemical, pharmaceutical, cosmetic and industrial clients.
210 South 13th Street — Philadelphia 7, Pa.
Member Association of Consulting Chemists and Chemical Engineers.

THE SCHEPP LABORATORIES
RESEARCH AND CONSULTING CHEMISTS
SURFACE CHEMISTRY
Large Surfaces — Fine Powders — Colloids
Member Ass'n of Consulting Chemists and Chemical Engineers
21-23 Summit Ave. — Telephone: FAirlawn 6-1212 — East Paterson, N. J.

BANCROFT LABORATORIES
Box 1022 — Worcester, Mass.
RESEARCH and CONSULTING CHEMISTS
Chemical Analysis and Synthesis, Microchemical Organic Analysis

Leather • Tanning Materials • Furs
SAMPLING, ANALYSES, RESEARCH, CONSULTATION
For Leather, Fur and Allied Trades
THE BLAIR LABORATORY
143-145 West 20th Street — New York
Tel. CHelsea 2-3520-21

Bureau of Chemistry
New York Produce Exchange
H. P. Trowbridge, Ph.B., B.S.
2 Broadway — New York
Cottonseed Oil, Oils, Greases, Soaps, Turpentine, Glycerine, Cattle Feeds, Spices, Chemicals, etc.
Consultation—Research.

CUMMINS & GRANT
Analytical & Consulting Chemists
ANALYSIS OF PAINTS, OILS, ALLOYS (Precious and Non-Precious), ORES, PLATING SOLUTIONS AND ALLIED MATERIALS
9 N. EUTAW STREET
Baltimore, Md. — CAlvert 1354

COLLAPSIBLE TUBE FILLING JAR FILLING
Write to us
DAY CHEMICAL COMPANY
713 So. 14th St., Newark 3, N. J.

EDWAL LABORATORIES, INC.
E. W. Lowe, Ph.D. W. S. Guthmann, Ph.D. W. B. Hendrey, Ph.D.
Analytical & Consulting Chemists
Research on Part-time or Fellowship Basis
732 Federal St. — Chicago 5, Ill.
Descriptive booklet No. 21-O available

J. Ehrlich, Ph.D.
CONSULTING CHEMIST
153 South Doheny Drive
Beverly Hills, California
ORGANIC SYNTHESES
Fellow of the American Institute of Chemists

RALPH L. EVANS ASSOCIATES
Research and Development
70 Chemists and Engineers
RAW MATERIALS
COMPOUNDS
FINISHED PRODUCTS
From Laboratory, through Pilot Plant to full scale Production
Tel. MUrray Hill 3-0672
250 East 43rd Street
NEW YORK 17, N. Y.

Ellis-Foster Company
Established 1907
Research and Consulting Chemists
Specializing in Synthetic Resins and their Plastics and Related Subjects.
4 Cherry Street — Montclair, N. J.
Telephone MOntclair 2-3510

ANTI-KNOCK VALUE DETERMINATIONS
The Gray Industrial Laboratories
CHEMISTS AND ENGINEERS
Specialists on Petroleum Products
961-976 Frelinghuysen Ave., Newark, N.J.
Telephone Bigelow 3-4020

THE HALLMARK LABORATORIES
608 North Main Street
JAMESTOWN, N. Y.
CHEMICAL AND PHYSICAL RESEARCH
AGRICULTURAL RESEARCH
PLANT & MACHINE DESIGNING
TESTING-CONSULTANTS
PILOT PLANTS

Knight, B. H.
Analytical and Consulting Chemist
50 East 41st Street — New York
OFFICIAL ANALYST
U.S. Shellac Importers Association
Am. Bleached Shellac Mfrs. Assoc.

Laning Company, E. M.
Specializing in Perfumes, Toilet Preparations, Pharmaceuticals and Flavors. Formulas perfected. Problems solved. Labels and Circular matter revised to comply with the new Food, Drug and Cosmetic Act.
433 Stuyvesant Ave. — Irvington, N. J.
Phone ES 2-0433
E. M. Laning, B.Sc., Manager

Seattle 4, Wash. . . 911 Western Ave.
LAUCKS LABORATORIES, INC
ESTABLISHED 1908
Analytical and Consulting Chemists
Spectrographers, Assayers
Inspecting, Sampling, Certification of Raw and Processed Materials
LARGEST INDEPENDENT LABORATORY IN THE NORTHWEST

MOLNAR LABORATORIES
BIOCHEMISTRY — NEW DRUGS
PHENOL COEFFICIENTS
TOXICITY and U.S.P. TESTS
211 East 19th Street — New York, N.Y.
GRamercy 5-1030

Munch Laboratory
Consultant and Laboratory Service
New and Old Drugs
Bioassays
Pharmacology
Clinical Studies
Special attention to Priorities Problems
306 South 69th St. — Upper Darby, Pa.

Orthmann Laboratories Inc.
AUG. C. ORTHMANN, Director
Specialists in Leather and Allied Industries
Consulting, Analytical and Research
647 W. Virginia Street — Milwaukee, Wis.

PLASTIC ENGINEERING —
Thermosetting resin formulas, heat reactive adhesives, bonding resin formulas. Plastic application engineering, product development, sales outlets, manufacturing contacts.
PLASTIC ENGINEERING
P.O. Box 100 — Midland, Mich.

PATENT YOUR IDEAS
send a Sketch or Model of your invention for
CONFIDENTIAL ADVICE
FREE INFORMATION
IDEAS
Ill. Polacheck
1234 BROADWAY, NEW YORK
PATENT ATTORNEY ENGINEER
U. S. Pat. Off. records searched for ANY invention or Trade Mark

IF Your Professional Card
were here others would be reading it.
Send for rates.
Oil, Paint and Drug Reporter
59 John Street, New York 7, N.Y.

John E. Raisch & Co.
OFFICIAL and LICENSED WEIGHERS, SAMPLERS and INSPECTORS, CARGO SUPERVISORS and CONTROLLERS,
Licensed by N.Y. Cotton, N.Y. Cocoa, N.Y. Coffee and Sugar, Commodity and N.Y. Produce Exchanges
15 Moore Street — New York, N.Y.
Tel. BO 9-4544 4645

SCHWARZ LABORATORIES, Inc.
Analysts — Biologists — Consultants
BEVERAGES, OILS, FOODS, WATER, VITAMIN DETERMINATIONS
202 East 44th Street — New York, N.Y.
MUrray Hill 2-0007

Seil, Putt & Rusby, Inc.
H. A. Seil, Ph.D. — Earl B. Putt, Ph.D., B.Sc.
SPR
Analytical and Consulting Chemists
Drugs, Spices, Essential Oils, Flavoring Extracts, Foods, Beverages.
Phone MUrray Hill 3-8368
16 East 34th Street — New York City

Foster D. Snell, Inc.
Our Staff of chemists, engineers and bacteriologists with laboratories for analysis, research, physical testing and bacteriology are prepared to render you every form of chemical service.
303 Washington Street
BROOKLYN 1, N. Y.

Stillman & Van Siclen, Inc.
Chemical and Testing Engineers
Tests, Inspection and Supervision of Benzol, Toluol, Xylol, Tars, Pitches, Asphalts, Road Oils and all other Coal Tar and Petroleum Products.
Telephone: LExington 2-2636
18 East 41st St. — New York 17, N.Y.

Stillwell & Gladding
Established 1862
Analytical and Consulting Chemists
Oils, Soaps, Fats, Paints, Varnishes, Drugs, Gums, Foods, Glycerin, Turpentine, Waxes, Spices, etc.
Member Association Consulting Chemists and Chemical Engineers.
130 Cedar Street — New York

HERBERT WATERMAN, Ch.E., Ph.D
Consulting Engineer
Production Problems
Equipment and Plant Design
Research and Process Development
2100 Rosella Place, Los Angeles, Cal.
Telephone: OLympia 3780

JOHN M. WEISS AND CO
50 East 41st Street — New York City
CHEMICAL ENGINEERING
PLUS
ECONOMIC INTERPRETATION
Telephone MUrray Hill 5-5426

Wiley & Co., Inc.
Analytical and Consulting Chemists
Specializing in Analysis of Beverages Fertilizers, Phosphates, Wood Pulp, Coal and Coke, Feeding Materials, etc.
Calvert and Read Streets Baltimore, Md.

Business Wants

—*Continued from page 61*

Positions Vacant

LABORATORY WORKER, Newark, N. J., permanent: age, education, experience. BOX 898, Oil, Paint and Drug Reporter.

SALES REPRESENTATIVES—Nationally known chemical manufacturer looking to post-war developments will consider applicants for permanent placement. Chemical experience preferred. Please state qualifications. BOX 931, Oil, Paint and Drug Reporter.

Positions Vacant

CHEMIST, thoroughly experienced in manufacture of pharmaceutical, proprietary and toilet preparations, to take charge of formulation, research and development work. Steady position, excellent opportunity; location, Paterson, N. J. Replies confidential. State education, experience, personal data, compensation earned and availability. BOX 926, Oil, Paint and Drug Reporter.

PAINT TINTER wanted by old-established paint and varnish manufacturer located in northern Ohio. Man with limited experience suitable if intelligent and reliable. In reply state age, qualifications, draft status, and salary wanted. Permanent position. BOX 927, Oil, Paint and Drug Reporter.

Positions Vacant

CHEMIST: Familiar with self polishing wax, cleaners, soap, and associated lines as a consultant to do analytical work, formulate, and assist manufacturer on a retainer fee basis. Give complete details in confidence. BOX 920, Oil, Paint and Drug Reporter.

PAINT SALESMAN or salesmanager wanted—To become salesmanager of our central Atlantic area. Are you ready to step into this job? Or capable of being trained? Write details. Replies confidential. BOX 893, Oil, Paint and Drug Reporter.

Commercial Laboratories Activities Catalogued

The American Council of Commercial Laboratories has compiled a directory of independent laboratories and the scope of their activities. Copies may be obtained from the executive secretary, A. J. Nydick, 63 Wall street, this city.

Kay-Fries to Get 'E'

Kay Fries Chemicals, Inc., West Haverstraw, N. Y., will formally receive the Army-Navy "E" Production Award April 4.

Index to Advertisements

Alexander, Jerome 62
Allied Asphalt & Mineral Corp 41, 47
Amcon Trading Co 47
American Agricultural Chemical Co 1
American British Chem. Supplies, Inc. 33
American Cholesterol Products, Inc 52
American Potash & Chemical Corp 50
Angus, W. W., Inc 64
Ansul Chemical Co 36
Association of Consulting Chemists & Chemical Engineers, Inc 62
Atlantic Coast Fisheries Co 51
Atlas Powder Co 50

B

Baker, J. T., Chemical Co 8
Bancroft Laboratories 62
Barab, J 62
Barber Asphalt Corp 42
Barium & Chemicals, Inc 33
Barium Reduction Corp 33
Barrett Division 38, 53
Bay Chemical Co 32
Biological Raw Products Co 52
Blair Laboratory 62
Bonewitz, P. W., Co 36
Brill Equipment Corp 61
Brode Corp., The 45
Bureau of Chemistry 62
Burke, Edward S 52

C

Calco Chemical Division 12
Calif. Fruit Growers Exchange 23
Carbide & Carbon Chemicals Corp 2
Centflor Co., Inc 57
Ceramic Color & Chemical Mfg. Co 36
Chemical Sales Corp 64
Chemical Solvents, C.P., Inc 64
Chemical Surplus & Salvage Co 61
Chemo-Puro Mfg. Corp 49
Church & Dwight Co., Inc 33
Coleman & Bell Co 52
Colton, Arthur, & Co 42
Commercial Solvents Corp 6
Consolidated Products Co., Inc 60
Cortizas, M., & Co 58
Cowles Detergent Company 26
Crosby Naval Stores, Inc 46
Croton Chemical Corp 36
Cummins & Grant 62

D

Dallal, D. S 58
Darling & Co 46
Day Chemical Co 62
Dickerson Company 53
Diehl, Wm., & Co 47
Distributing & Trading Co 47
Doggett, Stanley, Inc 42
Dow Chemical Co 17
Du Pont de Nemours, E. I., & Co., Inc. 32

E

Edcan Laboratories 52
Edwal Laboratories 62
Ehrlich, J 62
Ellis-Foster Co 62
Emsco Equipment Co 61
Enco Chemical Corp 25
Evans, Ralph L., Associates 62

F

Faesy & Besthoff, Inc 64
Fairmount Chemical Co., Inc 26
Fallek Products Co 52
Felton Chemical Co., Inc 56
Fezandie & Sperrie 37
First Machinery Corp 60
Fisher Chemical Co 50
Florasynth Laboratories, Inc 57
Food Research Laboratories, Inc 62
Franks Chemical Products Co 42
Freeport Sulphur Co 63
Fries & Fries, Inc 51
Fritzsche Bros., Inc 57
Fulton Bag & Cotton Mills 43

G

Gartenberg, H., & Co., Inc 37
General American Transportation Corp 20
General Drug Co 22
General Magnesite & Magnesia Co 32
Golwynne Chemicals Corp 15
Gray Industrial Laboratories 62
Gray, William S., & Co 1
Greeff, R. W., & Co 40, 43
Gross, A., & Co 45
Gruman, J. B., Co 35

H

Hallmark Laboratories 62
Hallowell, Horace J 62
Hardesty, W. C., Co., Inc 46
Heat & Power Co 61
Heyden Chemical Corp 40
Hooker Electrochemical Co 16
Hopkins, J. L., & Co 55
Hunt Chemical Works, Inc 34
Hutchinson, D. W., & Co 57

I

Imperial Paper & Color Corp 43
Independent Mfg. Co 46
Inland Alkaloid Company 63
Interboro Chemical Co 34
International Selling Corp 36
Irvington Smelting & Refining Works. 34

K

Kansas City Limeolith Co 44
Kelco Company 55
Kellogg, Spencer & Sons, Inc 21
Kentucky Color & Chemical Co 44
Keystone Drum Co 40
Knight, B. H 62
Koppers Company 39
Koster Keunen Mfg. Co., Inc 47
Krumbhaar Chemicals, Inc 42

L

Lamon Chemical Corp 52
Laning, E. M., Co 62
Laucks Laboratories, Inc 62
La Wall & Harrisson 62
Leberco Laboratories 62
Leghorn Trading Co., Inc 51
Lemke, B. L., Company 50
Leonhard, Theodor, Wax Co., Inc 47
Lucidol Corp 49
Lueders, George, & Co 57

M

Maas, A. R., Chemical Co 34
Machinery & Equipment Co 61
Magnus, Mabee & Reynard, Inc 57
Marine Magnesium Products Corp 36
Mefford Chemical Co 52
Michigan Chemical Corp 34
Molnar Laboratories 62
Montville Chemical Works 54
Munch Laboratory 62
Mutual Chemical Co. of America 27

N

National Rosin Oil & Size Co 42
Natural Products Refining Co 37
Neuberg, William D., Co 11
Neville Co 41
Newark Steel Drum Co 34
Niacet Chemicals Corp 54
Niagara Chlorine Products Co 59
Nuodex Products Co., Inc 46

O

Old Dutch Mustard Co 58
Orbis Products Corp 58
Oronite Chemical Co 18
Orthmann Laboratories, Inc 62

P

Pacific Coast Borax Co 1
Parsons, M. W 44
Payne, Avery F., Co., Inc 36
Peek & Velsor, Inc 56
Penick, S. B., & Co 54
Pennsylvania Refining Corp 59
Pennsylvania Salt Mfg. Co 34
Pfizer, Chas., & Co., Inc 31
Pittsberg Chemical Co 33
Plastic Engineering 62
Polachek, Z. H 62
Polak & Schwarz, Inc 58
Potash Co. of America 53
Prentiss, R. J., & Co 56
Prior Chemical Corp 1
Procter & Gamble 45, 50
Publicker Commercial Alcohol Co 1
Purdy, W. S., Co., Inc 62
Pure Calcium Products Division 1
Purocaine Chemical Co., Inc 51

R

Raisch, John E., & Co 62
Read, Chas. L., Co 34
Reichard-Coulston, Inc 44
Reichhold Chemicals, Inc 19
Rheem Mfg. Co 45
Rosenthal, H. H., Co 52
Rufert Chemical Co 15

S

Sadtler, Samuel P., & Son, Inc 62
Schepp Laboratories 62
Schimmel & Co., Inc 58
Schwab Brothers Corp 44
Schwarz Laboratories, Inc 62
Seil, Putt & Rusby, Inc 62
Seydel Chemical Co 51
Sharples Chemicals, Inc 64
Shell Chemical Co 14
Sherwood Refining Co 59
Silmo Chemical Corp 52
Smith Chemical & Color Co 64
Smith, J. Lee, & Co 44
Snell, Foster D., Inc 62
Solvay Sales Corp 13
Southern Acid & Sulphur Co 34
Standard Alcohol Co 42
Standard Specialty & Tube Co 51
Standard Ultramarine Co 42
Stauffer Chemical Co 28
Stein Equipment Co 61
Stillman & Van Siclen, Inc 62
Stillwell & Gladding Co 62
Strong, Cobb & Co., Inc 48
Sun Oil Co 24

T

Tennessee Products Corp 32
Thurston & Braidich 58
Treemond Sales Company 51
Turner, Joseph, & Co 59

U

Union Bag & Paper Co 46
Union Carbide & Carbon Corp 2
Union Standard Equipment Co 61
United States Potash Co 53
Universal Marble Products Corp 44

V

van Ameringen-Haebler, Inc 58
Velsicol Corp 35
Victor Chemical Works 36
Viking Distributing Co 46
Virginia-Carolina Chemical Corp 34
Virginia Smelting Co 34

W

Warwick Wax Co., Inc 29
Waterman, Herbert 62
Weiss, John M., & Co 62
Wiley & Co 62
Will & Baumer Candle Co 47
Williams, C. K., & Co 44
Wilson-Martin Division 45

Y

Young, The J. S., Company 37

Z

Zink & Triest Co 58
Zinsser & Co., Inc 34

OPD—3-27-1944

ALKALOIDS

GLUCOSIDES — DRUG EXTRACTIVES

As in **WORLD WAR I**

Now in **WORLD WAR II**

ACONITINE
ARECOLINE
ASPIDOSPERMINE
ATROPINE
BERBERINE
CHRYSAROBIN
COLCHICINE
DIGITALIN
EPHEDRINE
ESERINE
HOMATROPINE
HYDRASTINE
HYOSCINE
HYOSCYAMINE
LOBELINE
PICROTOXIN
PILOCARPINE
SANGUINARINE
SPARTEINE
STROPHANTHIN
YOHIMBINE

ARECOLINE

HYDROBROMIDE

We can now offer this alkaloid for immediate shipment. Recently, stocks of raw materials for Arecoline manufacture arrived from the South Pacific, our first in over eighteen months.

We solicit your inquiries for spot or contract delivery over six months period.

INLAND ALKALOID COMPANY

MANUFACTURING CHEMISTS

TIPTON INDIANA U.S.A.

SULPHUR

• •

Sulphur today is demonstrating once again its old versatility. In one or another form, it helps make synthetic rubber, new high octane fuels, blockbusters and bazooka rockets, extra tough batteries for submarines, heat resistant rayon for tire cords, new chemicals for scores of needs, fertilizers, dusts and sprays for Victory Gardens and Allied food production. In this great national emergency we are meeting the full demands placed upon us at no increase above pre-war base prices. When Victory comes, Sulphur will be ready to meet just as fully and promptly all continuing needs, plus those of now-curtailed civilian industries.

• •

FREEPORT SULPHUR COMPANY

122 East 42nd Street New York

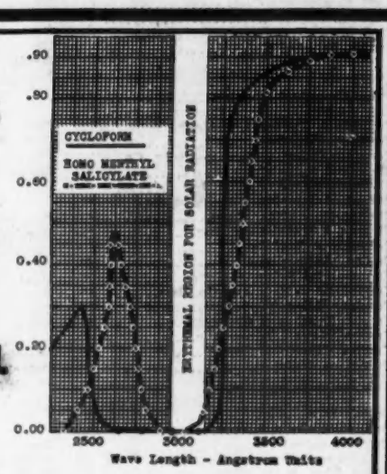
OPD—3-27-1944

C. P. Acetone Butyl Alcohol Butyl Acetate
A Stable Product of Exceptional Quality
CHEMICAL SOLVENTS
Incorporated
60 Park Place · Telephones: BArclay 7-8615 MArket 2-3650 Newark 2, N. J.

INDUSTRIAL and REAGENT CHEMICALS
COAL TAR PRODUCTS
PHONE GRANT 3750
CHEMICAL SALES CORPORATION OF PITTSBURGH
1900 GRANT BUILDING
CHEMICAL SALES CORPORATION
PITTSBURGH (19,) PENNSYLVANIA

SHARPLES TRADE MARK CHEMICALS
PENTALARM
Warning agent for fuel gases.
SHARPLES CHEMICALS INC.
PHILADELPHIA CHICAGO NEW YORK

SUN SCREENS
W. W. ANGUS INC.
CYCLOFORM
ISO butyl para amino benzoate
HOMO MENTHYL SALICYLATE
Inquiries Solicited.



Used in Sun tan preparations and Lipsticks.
W. W. ANGUS, INCORPORATED
220 BROADWAY NEW YORK 7, N. Y.

Faesy & Besthoff, Inc.
COPPER SULPHATE
22 EAST 40th STREET, NEW YORK CITY. CABLE: TRUFABEST

LAMP BLACKS

Produced by
BIHN & WOLFF CO.
BRIDESBURG, PHILADELPHIA, PA.
Manufacturers of highest quality Lamp Blacks for over 100 years.

•

All Government Specification Grades.
All Soft Grinding Grades.
Bulk and Packages.

•

Our Technical Staff will assist in solving your Lamp Black problems.

•

Eastern Sales Agents
SMITH CHEMICAL & COLOR CO.
INCORPORATED 1919
55 John Street Brooklyn 1, New York